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### **CONTRACTOR NAME:**

Advanced Technology Systems, Inc.  
639 Alpha Drive - RIDC Park  
Pittsburgh, PA 15238-2819

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### **COMPARATIVE EVALUATION OF AMBIENT FINE PARTICULATE MATTER (PM<sub>2.5</sub>) DATA OBTAINED FROM URBAN AND RURAL MONITORING SITES ALONG THE UPPER OHIO RIVER VALLEY**

### **EXECUTIVE SUMMARY**

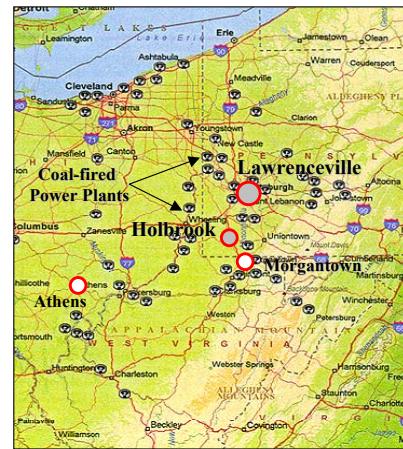
This interim report summarizes detailed findings and conclusions drawn from evaluations of data obtained from the operation of ambient PM<sub>2.5</sub> speciation sites in a geographical area encompassing southeastern Ohio, western Pennsylvania and northwestern West Virginia. The overall goal of this program, called the *Upper Ohio River Valley Project* (UORVP), is to better understand the relationship between coal-based power system emissions and ambient air quality in the Upper Ohio River Valley region through the collection of chemically resolved or speciated data. A summary of the sampling activities, sample analyses and the correlation and interpretation of data acquired from February 1999 through July of 2002 are reported. Mass and speciated data from urban and rural sources are compared and seasonal variations in PM<sub>2.5</sub> distribution are also examined. Correlations between meteorological parameters and total PM<sub>2.5</sub> mass are also presented.

### **INTRODUCTION**

As part of its ambient fine particulate program, the U.S. Department of Energy's-National Energy Technology Laboratory (NETL), in cooperation with key stakeholders including the U. S. Environmental Protection Agency (EPA), local and state environmental agencies, industry,

and academia, established and operated several PM<sub>2.5</sub> speciation sites in the Upper Ohio River Valley.

The overall goal of this program, called the *Upper Ohio River Valley Project* (UORVP) was to investigate the nature and composition of fine particulate (PM<sub>2.5</sub>) and its precursor gases in the Upper Ohio River valley and provide a better understanding of the relationship between coal-based power system emissions and ambient air quality in this region. The combustion of coal to generate electricity can produce primary ambient fine particulate matter (PM<sub>2.5</sub>) as well as the gaseous precursors (e.g., SO<sub>2</sub> and NO<sub>x</sub>) to the formation of secondary fine particles (e.g., ammonium sulfates and nitrates), and condensable species such as ammonia and nitric acid vapor. The Upper Ohio River Valley (UORV) was chosen for this extensive fine particulate research because it is representative of areas in the eastern half of the continental United States that are not well characterized but have a high density of coal-fired electric utility, heavy industry (e.g., coke and steel making), light industry and transportation emission sources. The UORV is also in the center of the ozone transport region which provides a platform to study interstate pollution transport issues.



Advanced Technology Systems, Inc. (*ATS*), with Desert Research Institute (DRI) as the subcontractor, was contracted by the NETL in September 1998 to manage the *Upper Ohio River Valley Project* (UORVP). The location of the monitoring sites along with neighboring coal-fired plants are as shown in the map.

Two urban and two rural monitoring sites were included in the UORVP. The four sites selected were all part of existing local and/or state air quality programs. One urban site was located in the Lawrenceville section of Pittsburgh, Pennsylvania. This site is an air quality monitoring station operated by the Allegheny County Health Department. A second urban site was collocated at a West Virginia Division of Environmental Protection (WVDEP) monitoring station at the airport in Morgantown, West Virginia. One rural site was collocated with the Pennsylvania Department of Environmental Protection (PADEP) at a former NARSTO-Northeast site near Holbrook, Greene County, Pennsylvania. The other rural site was collocated at a site operated by the Ohio Environmental Protection Agency (OHEPA) and managed by the Ohio State Forestry Division in Gifford State Forest near Athens, Ohio.

### ***Project Goal and Objectives***

As stated above, the overall goal of this project was to investigate the nature and composition of fine particulate matter (PM<sub>2.5</sub>) and its precursor gases in the Upper Ohio River Valley; however, in the process, the UORVP was intended to address the following four key scientific questions related to ambient fine particulate matter:

- Are sulfates a major or minor component of PM<sub>2.5</sub> mass in the eastern half of the continental USA?
- Is there a correlation between O<sub>3</sub> and PM<sub>2.5</sub> levels?

- Is there a significant variation in PM<sub>2.5</sub> composition/concentration between urban and rural sites impacted by similar regional emission sources?
- Does the Federal Reference Method (FRM) performance provide an accurate/realistic measurement of PM<sub>2.5</sub> mass?  
(What, if any, are the influences of artifacts on measurement?)

Three of the four questions posed above have been addressed to date. The correlation between O<sub>3</sub> and PM<sub>2.5</sub> remains unaddressed even though the pertinent data has been acquired.

## **EXPERIMENTAL**

The experimental plan, incorporating the selection of the sampling equipment and the structure of the sampling schedules, was designed to answer the major scientific questions stated above. Overall field efforts were focused on the characterization of the chemistry of ground level urban and rural airborne particles in the Upper Ohio River Valley. These measurements, performed over a three and one half-year sampling period, describe spatial and temporal variations with consideration of the production of condensed species from tropospheric reactions.

### ***Sampling Equipment***

Table 1 presents a list of the general types of filter samplers, meteorological instruments and continuous gas monitors, with sampling frequency specified as either continuous or intermittent.

To provide for comparability with stations set up as part of the national PM<sub>2.5</sub> monitoring network, the basic sampling was conducted using FRM PM<sub>2.5</sub> sequential filter-based samplers. Similar PM<sub>2.5</sub> sequential filter-based samplers designed and built by DRI (DRI-SFSs) were also deployed at the monitoring sites. In addition, PM<sub>10</sub> sequential filter-based samplers (DRI-SFSs) were installed at the Lawrenceville and Holbrook sites. The UORVP sampling protocol allowed for a comparison of the PM<sub>10</sub> and PM<sub>2.5</sub> mass and chemistry, although the emphasis of the project was on the PM<sub>2.5</sub> component. The two satellite sites were equipped only to monitor PM<sub>2.5</sub>. A DRI-SFS was provided for the Morgantown, WV site, and a Met One Instruments Spiral Aerosol Speciation Sampler (SSAS) was utilized at the Athens, OH site.

The PM<sub>2.5</sub> samplers were also compared with PM<sub>2.5</sub> monitors that capture the semi-volatile components (e.g., semi-volatile organics and nitrates) of the aerosol, such as those that employ denuders and/or back-up filters. DRI Sequential Gas Samplers (SGSs) were deployed at the Lawrenceville and Holbrook sites to perform this function. The comparison between the SGSs and the FRM-based samplers allowed for a better understanding of the potential loss or gain in chemical components during ambient sampling. Moreover, speciation samplers that capture the semi-volatile species are necessary for complete characterization of ambient fine particulate matter.

The measurement of several gases that are relevant to characterizing photochemistry, or are precursors for particle formation, were also measured. These include ozone and its precursors (NO<sub>x</sub>, HNO<sub>3</sub>, and NH<sub>3</sub>) as well as sulfur dioxide (SO<sub>2</sub>). Measurement of ambient mercury was also carried out using a “mercury deposition network” sampler, but solely at the Holbrook site.

Table 2 provides specific information on filter materials, the analytes and the analytical methods employed for the sampling and analysis effort utilizing the discrete filter samplers.

Along with the discrete filter-based samplers used for intermittent sampling, continuous PM<sub>2.5</sub> mass measuring instruments were in operation at the Lawrenceville and Holbrook sites. Tapered Element Oscillating Mass (TEOM) balances, manufactured by Rupprecht and Patashnick (R&P) Company, provided continuous mass measurements of PM<sub>2.5</sub> and PM<sub>10</sub>. Advantages in using TEOMs included being able to observe ambient particulate matter on a 24-hour per day and 7-day per week basis, especially during non-intensive sampling periods when filter-based units collected samples at a frequency of one sample on every sixth day. Also, data resulting from the use of these units may be compared to the FRM results and those from the other filter-based instruments. Continuous measurement of PM<sub>2.5</sub> was, therefore, expected to be a powerful complement to the intermittent filter-based sampling.

Surface meteorological data were collected at the Lawrenceville and Holbrook sites. Wind speed and direction, temperature, barometric pressure, relative humidity, precipitation and solar radiation sensors were operational at Lawrenceville while wind speed and direction, and temperature data were collected at Holbrook.

### ***Sampling and Analysis Schedule***

The UORVP was arranged to obtain a base level of intermittent samples on every sixth day at all the four sites. This allowed for estimates of monthly, seasonal and annual averages that could be compared with data obtained from other EPA/state programs and with other parallel research projects in the eastern United States. To investigate the daily differences, especially during months of high production of secondary particulates from atmospheric reactions, a daily "intensive sampling program" was performed for one month in the summer, when PM<sub>2.5</sub> material was obtained on a 6-hour schedule to evaluate episodic and diurnal variations in sample composition. For comparison with summer conditions, a similar one-month daily sampling period was performed in the winter months.

Sampling commenced with intensive sampling at the Lawrenceville and Holbrook sites from February 17 to February 28, 1999 (Winter 1999 session). Six-hour samples were collected daily at Lawrenceville and daily 24-hr integrated samples were acquired at Holbrook. Intermittent sampling (every sixth day) continued at these two sites subsequent to this intensive sampling and the Morgantown and Athens sites were added to this schedule on September 15, 1999. Intensive summer sampling occurred at all the four sites from August 3 through September 12, 1999 (Summer 1999 session). Six-hour samples were collected daily at Lawrenceville, daily 24-hr integrated samples at Holbrook and 24-hr integrated samples every 3<sup>rd</sup> day at the Morgantown and Athens sites. The same sampling protocol was carried out at the four sites during Winter 2000 beginning on January 12 and ending on February 18, 2000, and during Summer 2000 beginning on July 17 and ending on August 25. A similar Summer 2001 sampling episode was performed from June 30 through August 8. All sampling operations utilizing discrete filter samplers were terminated at the completion of the Summer 2001 intensive sampling effort

except for a limited scope in intensive sampling endeavor in Winter 2002. However, all continuous monitors including TEOMs, ambient gas monitors and meteorological instruments continue to be in operation.

On October 1, 2002, discrete filter sampling was initiated at the Lawrenceville site to provide data for an epidemiological study. DRI-SFS PM<sub>2.5</sub> samplers are being utilized to provide 24-hour samples each day from October 2002 through at least February 2003. Also, all continuous monitors continue to be in operation providing complementary ambient air data for this study.

### ***Quality Assurance and Quality Control***

*ATS* implemented quality assurance and quality control (QA/QC) procedures and methods, which are described in a Quality Integrated Work Plan (QIWP) developed for the UORVP sites. This quality assurance/quality control documentation covered procedures for filter preparation, sample collection, sample handling, sample splitting, sample storage and transport, and sample analysis.

## **RESULTS AND DISCUSSION**

The data presented below summarizes efforts from both continuous particulate measurements as well as those from discrete filter sampling. As much as was possible, comparisons were drawn between the sampling methodologies in addition to noting observed similarities or differences between the rural and urban sites. Also of interest, were the correlations of the mass data with simultaneously acquired meteorological and ambient gas monitor data.

Table 3 lists the seven thousand and forty-eight discrete filter samples that have been acquired to date. These are categorized by sampling device and inlet size. Also given in Table 3 are lists of the precursor gases and meteorological parameters that were measured along with the corresponding time periods in which these measurements were carried out.

Table 4 lists the number of filter samples that have been weighed to date and categorized by monitoring site, by inlet size (PM<sub>2.5</sub> or PM<sub>10</sub>) and by sampling device. These results were reported by the Desert Research Institute, who performed analyses on samples from the Lawrenceville, Holbrook and Morgantown sites, and by Chester Lab Net, who carried out the analyses on samples acquired at the Athens site. These results have not undergone a complete QA/QC evaluation at this time. Appendix A gives a complete listing of all the 3029 samples categorized by site, sampling date, particle size, sampler, sample type (sample or blank), total run time and run time period.

Table 5 lists the number of samples that have undergone chemical analysis to date. These are also listed by monitoring site, by inlet size (PM<sub>2.5</sub>, PM<sub>10</sub> or Total Suspended Particulate) and by sampling device. These results were reported by the Desert Research Institute, who performed analyses on samples from the Lawrenceville, Holbrook and Morgantown sites, and by Chester Lab Net, who carried out the analyses on samples acquired at the Athens site. These results have

not undergone a complete QA/QC evaluation at this time. Appendix B gives a complete listing of all 1214 samples that have been analyzed to date. Samples are listed by site, sampling date, particle size, sampler, sample type (sample or blank), total run time and run time period.

Table 6 is a tabulation of continuously collected data from June of 1999 through July of 2002. Included are all TEOM, continuous gas monitor and meteorological data. These results have not undergone a complete QA/QC evaluation at this time.

An examination of monthly average TEOM mass concentration values shows that, as expected, the PM<sub>10</sub> values from the Lawrenceville site were considerably higher than the corresponding PM<sub>2.5</sub> values. Also, Lawrenceville PM<sub>2.5</sub> levels were slightly higher than the Holbrook (HB) PM<sub>2.5</sub> values. The only exception is noted with November 2000 data. Since the former is an urban site and the latter a rural one, we conclude that the differences were a result of local urban activity contributions.

Seasonal differences were also exhibited by the TEOM data. Mass concentrations showed a maximum value in the summer and a minimum value in winter, with a gradual transition occurring between these major seasons. This trend was also observed with ozone levels and temperature measurements.

The discussion below presents data that shows that most of the ambient fine particulate in this part of the country is contributed from regional transport and that local effects play a minor role in the observed levels. The data also demonstrates that there is a correlation between wind direction and high levels of PM<sub>2.5</sub>.

Plotted in Figure 1a are PM<sub>2.5</sub> half-hour averages of continuous measurements obtained using the TEOM balances for July 2000. For clarity, the individual points are not shown; only the connecting lines are presented in this figure. Data from the Lawrenceville site are shown in red, and data from the Holbrook site are presented in blue.

Immediately obvious is the fact that the data from the two sites show the same trends over this typical one-month time period. Since one site is urban (Lawrenceville) and the other rural (Holbrook), and the two sites are approximately 65 miles apart, the inference can be made that the minor variations in the measurements taken at any given time between the two sites can be attributed to local sources and that the overall similarity in the trending, results from the more pervasive regional background PM<sub>2.5</sub> levels. An interesting side note on the impact of local effects is the observation that the one measurement, higher than 100 µg/M<sup>3</sup>, occurred at approximately 10:30 PM on July 4<sup>th</sup> and only at the Lawrenceville site. We strongly suspect that this was due to by-products released from a fireworks display at a local (City of Pittsburgh) Independence Day celebration.

Data shown as a time series in Figure 1a are used to compare the rates of concentration change between the two sites in Figure 1b. Each point on the graph consists of an x-coordinate, which is the 24-hour difference in mass concentration for measurements taken at Lawrenceville at a given time and a y-coordinate, which is the 24-hour difference in mass concentration for measurements taken at Holbrook at the same time. This scatter plot compares the rate of change in

concentration between the two sites. If, for example, concentration differences are close in value for the two sites at each point in time, the plot in Figure 1b will show the points lying close to the 45° line,  $y = x$ . Thus, the interpretation of the data shown in Figure 1a that the concentrations of PM<sub>2.5</sub> measured at Lawrenceville and at Holbrook show similar trending is further justified since the linear regression line in Figure 1b clearly shows a positive slope.

To quantify and graphically display the data similar to that shown in Figures 1a and 1b, data were compiled for different months to reflect changing seasons. Figures 2a through 2c provide distributions of mass measurements (Threshold Concentration) versus a corresponding “Measurement Percentile” for the two major sites for each of the four seasons of the year over a two year period. Half-hour average mass concentration data were taken from both PM<sub>2.5</sub> and PM<sub>10</sub> TEOM measurements. Data for each three-month season, approximately 4300 points, were sorted and plotted based on 1  $\mu\text{g}/\text{M}^3$  intervals from 0  $\mu\text{g}/\text{M}^3$  to 100  $\mu\text{g}/\text{M}^3$ .

Figure 2a shows PM<sub>2.5</sub> TEOM data gathered at the Lawrenceville site and categorized by season into eight distribution curves from June 1999 through November 2001. Although the shape of the entire curve must be considered in describing these data distributions, the “Threshold Concentration” value at the 50<sup>th</sup> “Measurement Percentile” value can be used for quick comparisons. For example, the “Threshold Concentration” value at the 50<sup>th</sup> “Measurement Percentile” for the “Summer 2001” curve was approximately 22  $\mu\text{g}/\text{M}^3$ . Therefore, 22  $\mu\text{g}/\text{M}^3$  was the median value for this data set. This was the largest median value of the ten distribution curves. The corresponding 50<sup>th</sup> “Measurement Percentiles” for the “Winter 2000” was approximately 10  $\mu\text{g}/\text{M}^3$  and was the lowest value associated with any of the ten curves. In general, the Lawrenceville PM<sub>2.5</sub> median values were highest in summer and lowest in winter, with intermediate values observed in the spring and fall.

Figure 2b shows Lawrenceville PM<sub>10</sub> data plotted in the same manner as in Figure 2a. The corresponding 50<sup>th</sup> “Measurement Percentiles” for the “Summer 2001” and “Winter 2000” were approximately 32  $\mu\text{g}/\text{M}^3$  and 17  $\mu\text{g}/\text{M}^3$ , respectively. That these values were higher than the corresponding values in Figure 2a is not surprising, since a PM<sub>10</sub> value measured at any given time and place is expected to be equal to or greater than the value obtained from a collocated PM<sub>2.5</sub> measurement.

Figure 2c shows Holbrook PM<sub>2.5</sub> data plotted in the same manner as in Figure 2b. The corresponding 50<sup>th</sup> “Measurement Percentiles” for the “Summer 2001” and “Winter 2000” were approximately 15  $\mu\text{g}/\text{M}^3$  and 8  $\mu\text{g}/\text{M}^3$ , respectively. These values were very similar to those observed in Figure 2a for Lawrenceville. This again suggests, as did the raw data presented in Figure 1, that regional factors have more of an impact on mass concentration of the fine particulate, observed at both the urban and rural sites, than the corresponding local effects at either site.

Figure 2d shows a comparison between Lawrenceville and Holbrook PM<sub>2.5</sub> TEOM data plotted in the same manner as in Figures 2a through 2c over a one-year period from June 1999 to May 2000. The corresponding 50<sup>th</sup> “Measurement Percentiles” for Lawrenceville and Holbrook “Summer 1999” curves were approximately 19  $\mu\text{g}/\text{M}^3$  and 18  $\mu\text{g}/\text{M}^3$ , respectively. The corresponding 50<sup>th</sup> “Measurement Percentiles” for Lawrenceville and Holbrook “Winter 2000”

curves were approximately  $10 \mu\text{g}/\text{M}^3$  and  $8 \mu\text{g}/\text{M}^3$ , respectively. Although these are the same values given in the discussion on Figures 2a and 2c, Figure 2d demonstrates clearly that measurements made at the Lawrenceville site were slightly higher than those observed at the Holbrook site. This suggests that even though regional effects are responsible for the overall similar trending between the two sites, local urban activity is contributing to the slightly higher Lawrenceville values.

Figures 3a through 3e are yearly TEOM data distribution plots constructed in the same manner as the seasonal distribution plots given in Figures 2a through 2d. Figures 3a through 3c present data from the Lawrenceville PM<sub>2.5</sub>, the Holbrook PM<sub>2.5</sub> and the Lawrenceville PM<sub>10</sub> TEOMs, respectively. These data must be interpreted with caution since data collection was initiated in June of 1999 resulting in this year being represented by only a six month period of measurements while both 2000 and 2001 plots encompass complete twelve month sets. Nevertheless, combined plots in Figures 3d and 3e demonstrate clear trends. Figure 3d, which shows a comparison of PM<sub>2.5</sub> data at Lawrenceville and Holbrook, demonstrates that PM<sub>2.5</sub> concentrations are consistently higher at the urban Lawrenceville site than at the rural Holbrook site over this two and one half year period. Figure 3e, which gives a comparison of PM<sub>2.5</sub> and PM<sub>10</sub> data at Lawrenceville, demonstrate that over this period of time, PM<sub>10</sub> concentrations are consistently higher than the PM<sub>2.5</sub> concentrations at this given location.

A comparison was also drawn on the performance of the TEOMs relative to the discreet filter-based samplers. The latter included FRM as well as DRI-SFSs. Data from the 24-hour integrated filter sampling was plotted against values obtained by integrating corresponding 24-hour intervals on the TEOM traces. Figures 4 and 5 depict such traces for PM<sub>2.5</sub> data obtained for Lawrenceville and Holbrook. Evident from these traces was the good agreement between the discrete filter data and the TEOM measurements within experimental error. However, the FRM-obtained data is consistently lower than the averages from the TEOM/DRI-SFS measurements except for an anomalous June 5<sup>th</sup> occurrence at Holbrook, when the FRM value was observed to be higher than the other two. This was likely due to a sampling malfunction with the impactor allowing some PM<sub>10</sub> through to the filter. There was also no statistically significant difference in the average levels determined by each of these sampling techniques except for the Holbrook June 5<sup>th</sup> data.

Another approach to comparing TEOM and SFS measurements is presented in Figure 6. Here, 6-hour SFS PM<sub>2.5</sub> mass concentration samples acquired during the Summer 1999 Intensive Sampling Program at Lawrenceville were plotted against the corresponding 6-hour TEOM averages. The 45° angle red line represents a theoretical fit in which the SFS values and the TEOM averages are shown to be equivalent. The black line was determined by linear regression. It has a slope (m) equal to 0.9044 and an offset (b) equal to + 0.3714. The R<sup>2</sup> constant is 0.8971. The SFS measurements and the TEOM averages compare well since the slope of the regression line is close to that of 45° angle line (1.0000) and the R<sup>2</sup> constant of 0.8971 indicates a reasonably good line fit.

Figures 7a through 7e give a breakdown of the distribution of major chemical species on samples taken at the Lawrenceville and Holbrook sites during the 1999 Winter, the 1999 Summer, the

2000 Winter and the 2000 Summer Intensive Sampling Programs. The percent distributions of the species were based on the total mass as captured on the filters.

A typical **pie chart** contains the following components:

- 1) **Geological** =  $1.89 \cdot Al + 2.14 \cdot Si + 1.4 \cdot Ca + 1.43 \cdot Fe$  (elements from XRF)
- 2) **Organics** =  $1.4 \cdot$  Organic Carbon (TOR)
- 3) **Elemental Carbon** (TOR)
- 4) **Nitrate** = Nitrate (IC)
- 5) **Sulfate** = Sulfate (IC)
- 6) **Ammonium** = ammonium (AC)
- 7) **Trace elements** = Sum of XRF species - ( $Al + Si + Ca + Fe + S$ )
- 8) **Unidentified** = Total mass - sum of items (1-7)

The road salt component [**Road Salt** =  $1.65 \cdot Cl$  (XRF)] was not included. Generally this parameter depends upon location and season.

Figure 7a shows a comparison of chemical composition between Lawrenceville and Holbrook for samples obtained during the Winter 1999 Intensive Sampling Program, while Figure 7b presents a comparison between Lawrenceville and Holbrook for samples obtained during the Summer 1999 Intensive Sampling Program. Several clear distinctions in the chemical make-up of the samples can be made. First, in winter the nitrate component is larger in particulate matter ( $PM_{2.5}$ ) captured at Lawrenceville (18%) than that collected at Holbrook (7%). In summer, nitrate is barely detectable at either site (0-1%). Second, ammonium ion appears fairly constant between sites and between seasons, ranging between 12% and 14% of total sample mass. Third, sulfate represents a much larger percentage of the sample composition at Holbrook (44% in summer, 33% in winter) than at Lawrenceville (34% in summer, 26% in winter), and appears as a larger fraction in the summer than in the winter.

Figure 7c compares chemical compositions for  $PM_{2.5}$  and  $PM_{10}$  for samples collected at Lawrenceville during the 1999 Winter Intensive. Fine particulate matter ( $PM_{2.5}$ ) is generally expected to form through nucleation processes following chemical reactions, while coarser particulate matter ( $PM_{10}$ ) is more likely to be formed through abrasive processes. This idea is consistent with the observation that the  $PM_{10}$  fraction has a much larger fraction of geological material (16%) than the  $PM_{2.5}$  fraction (3%). Conversely, the  $PM_{2.5}$  fraction has the larger percentages of volatile components, including nitrate, sulfate, ammonium and total carbon, than the  $PM_{10}$  fraction.

Figures 7d and 7e provide comparisons of chemical composition between Lawrenceville and Holbrook for the Winter 2000 and the Summer 2000 Intensive Sampling Programs. These results are remarkable similar to those presented in Figures 7a and 7b for the corresponding 1999 Intensive Sampling Programs. Again, in winter the nitrate component is larger in particulate matter ( $PM_{2.5}$ ) captured at Lawrenceville (16%) than that collected at Holbrook (8%). In Summer 2000, nitrate is again barely detectable at either site (0-1%). Ammonium ion varies little between sites and between seasons, ranging between 11% and 13% of total sample mass. Finally, sulfate represents a larger percentage of the sample composition at Holbrook (43% in

summer, 36% in winter) than at Lawrenceville (31% in summer, 24% in winter), and appears as a larger fraction in the summer than in the winter.

Figures 8 through 11 reveal information on the stoichiometry of the major cations and anions present in the fine particulate matter and their relationship to the total mass concentration.

Figure 8a is a plot of the ammonium mass concentration vs. sulfate mass concentration, with the corresponding linear regression line, for 36 (6-hour) SFS samples collected during the 1999 Winter Intensive Sampling Program at the Lawrenceville site. The molar ratio of ammonium ion ( $\text{NH}_4^+$ ) to sulfate ion ( $\text{SO}_4^{2-}$ ), calculated from the slope of the regression line, was determined to be 2.29. The theoretical stoichiometric value for ammonium bisulfate ( $\text{NH}_4\text{HSO}_4$ ) is 1.00 and for ammonium sulfate ( $(\text{NH}_4)_2\text{SO}_4$ ) is 2.00. A value greater than 2.00 suggests the presence of other anions since a mixture of  $\text{NH}_4\text{HSO}_4$  and  $(\text{NH}_4)_2\text{SO}_4$  must give a value between 1.00 and 2.00. Consistent with this unexpectedly higher ratio is the presence of nitrate ion ( $\text{NO}_3^-$ ) since it represents 18% (Figure 7a) of the total mass. This additional amount of anionic material probably satisfies charge balance requirements demanded by the excess ammonium ion.

Figures 8b is a plot of sulfate mass concentration vs.  $\text{PM}_{2.5}$  mass concentration, and Figure 8c is a plot of ammonium mass concentration vs.  $\text{PM}_{2.5}$  mass concentration for 36 SFS samples collected during the 1999 Winter Intensive Sampling Program at Lawrenceville. Slopes of the corresponding linear regression lines provide an overall estimate of the ammonium and sulfate fractions of the total mass. The approximate percentage of the total sample mass that the sulfate ion (or the ammonium ion) represents is determined by multiplying the value of the slope by 100. Thus, sulfate ion and ammonium ion are calculated to be 28% and 14%, respectively, of the total sample mass, which compare well with the values given in Figure 7a of 26% and 14%, respectively.

Figure 9a is a plot of ammonium mass concentration vs. sulfate mass concentration, with the corresponding linear regression line, for 9 (24-hour) SFS samples collected during the 1999 Winter Intensive Sampling Program at the Holbrook site. Again, the molar ratio of ammonium ion to sulfate ion was calculated from the slope of the regression line and determined to be 1.91. This is close to the theoretical value for ammonium sulfate.

Figures 9b is a plot of sulfate mass concentration vs.  $\text{PM}_{2.5}$  mass concentration, and Figure 9c is a plot of ammonium mass concentration vs.  $\text{PM}_{2.5}$  mass concentration for 9 SFS samples collected during the 1999 Winter Intensive Sampling Program at Holbrook. The linear regression lines for both plots fail to intercept the origin resulting in a negative value for the y-intercept. We propose that this non-zero intercept may reflect losses of ammonium and sulfate ions from the samples. This apparent loss of sample mass occurred at Holbrook and not at Lawrenceville during the Winter Intensive, probably because the 6-hour Lawrenceville samples were recovered and refrigerated sooner than the corresponding 24-hour Holbrook samples, after the completion of the sampling.

Figure 10a is a plot of the ammonium mass concentration vs. sulfate mass concentration, with the corresponding linear regression line, for 37 (6-hour) SFS samples collected during the 1999

Summer Intensive Sampling Program at the Lawrenceville site. The molar ratio of ammonium ion ( $\text{NH}_4^+$ ) to sulfate ion ( $\text{SO}_4^{2-}$ ), calculated from the slope of the regression line, was determined to be 1.67. This suggests a sizable presence of ammonium bisulfate ( $\text{NH}_4\text{HSO}_4$ ) in addition to ammonium sulfate ( $(\text{NH}_4)_2\text{SO}_4$ ). A value between 1.00 and 2.00 would be anticipated from a mixture of  $\text{NH}_4\text{HSO}_4$  and  $(\text{NH}_4)_2\text{SO}_4$  without the presence of other anions. This is consistent with the low nitrate ion ( $\text{NO}_3^-$ ) concentration of 1% (Figure 7b) for samples collected during the warm summer season.

Figures 10b is a plot of sulfate mass concentration vs.  $\text{PM}_{2.5}$  mass concentration, and Figure 10c is a plot of ammonium mass concentration vs.  $\text{PM}_{2.5}$  mass concentration for 37 SFS samples collected during the 1999 Summer Intensive Sampling Program at Lawrenceville. Again, the linear regression lines for both plots fail to intercept the origin resulting in a negative value for the y-intercept. Since this suggests that some amount of ammonium and sulfate ions was lost from each sample and this effect was not seen at the Lawrenceville site during the Winter Intensive, we propose that the loss of volatile material occurs at a much higher rate during high summer temperatures than at the relatively cooler winter temperatures.

Figure 11a is a plot of ammonium mass concentration vs. sulfate mass concentration, with the corresponding linear regression line, for 10 (24-hour) SFS samples collected during the 1999 Summer Intensive Sampling Program at the Holbrook site. Again, the molar ratio of ammonium ion to sulfate ion was calculated from the slope of the regression line. It was determined to be 1.57, which is close to the theoretical value for a 50%/50% mixture of ammonium sulfate and ammonium bisulfate. This result is also consistent with the absence of nitrate in the samples (Figure 7b).

Figures 11b is a plot of sulfate mass concentration vs.  $\text{PM}_{2.5}$  mass concentration, and Figure 11c is a plot of ammonium mass concentration vs.  $\text{PM}_{2.5}$  mass concentration for 10 SFS samples collected during the 1999 Summer Intensive Sampling Program at Holbrook. Again, the linear regression lines for both plots fail to intercept the origin resulting in a negative value for the y-intercept, suggesting that some amount of ammonium and sulfate ions was lost from each sample. We submit that this effect is probably the result of a significant loss of volatile material from the samplers due to the high summer temperatures.

Wind trajectory calculations were performed in order to relate wind direction to possible  $\text{PM}_{2.5}$  sources. Figure 12 shows the results from a typical wind trajectory model calculation provided at the NOAA Air Resources Laboratory's website. This example shows the results from a calculation to determine the path that a parcel of air traversed in a given 24-hour period when a destination (in this case Lawrenceville), a time and a final altitude are given.

Figure 13a is a plot in polar coordinates of mass concentration ( $\mu\text{g}/\text{M}^3$ ) as 'r,' determined by averaging 6-hour TEOM measurements, against wind direction as ' $\theta$ ' derived from wind trajectories determined for the appropriate 6-hour period. Thus, the distance from the origin is a measure of particulate matter mass concentration and the angle, or simply geographic direction, indicates the direction of the wind at that time. These calculations were performed for July 1999 at the Lawrenceville site. Figure 13a shows that at times of high  $\text{PM}_{2.5}$  concentration, the wind is

usually out of the South-West direction. This suggests the possibility of major sources of PM<sub>2.5</sub> being in that direction.

Figure 13b is the same type of plot shown in Figure 13a; however, it shows data from the Lawrenceville site for July 2000. Although it is apparent that most high mass concentration points correlate with the South-West direction, some also arise out of the North-West. Points indicating low mass concentrations appear in the North-East quadrant similar to those seen in Figure 13a. However, a greater number appear in Figure 13b. This is simply a consequence of the fact that overall PM<sub>2.5</sub> levels were higher in July of 1999 than in July of 2000. The plot in Figure 13c easily verifies this fact since the corresponding 50<sup>th</sup> “Measurement Percentiles” for July 1999 and July 2000 were approximately 21 µg/M<sup>3</sup> and 18 µg/M<sup>3</sup>, respectively.

Figures 14a and 14b are plots of ozone concentrations against NO<sub>x</sub> concentrations for measurements taken at the Lawrenceville site during the summer of 2001 and the winter of 2002, respectively. These plots show an asymptotic depletion of ozone with increasing NO<sub>x</sub> concentration indicative of chemical reaction between these species.

## CONCLUSIONS

The following can be concluded from the findings discussed above:

- 1) The TEOM equipment performed as well as the sequential filter samplers in accounting for ambient PM<sub>2.5</sub> levels; however, the FRM-obtained data was consistently lower than the averages from the TEOM/DRI-SFS measurements;
- 2) The trending in the PM<sub>2.5</sub> levels was similar for Lawrenceville and Holbrook, which represent an urban and a rural site sixty-five miles apart. This implies that the PM<sub>2.5</sub> levels appear to be impacted more by regional than by local effects;
- 3) The absolute median PM<sub>2.5</sub> levels were slightly higher for Lawrenceville than for Holbrook, implying that local urban environmental contributions had a minor but measurable effect on total PM<sub>2.5</sub> mass concentration;
- 4) PM<sub>2.5</sub> and PM<sub>10</sub> mass concentration levels were consistently higher in summer than in winter, with intermediate levels observed in the spring and fall;
- 5) Sulfate levels predominated in the speciation data obtained from both the Holbrook and the Lawrenceville sites during winter and summer intensive sampling. Sulfate level measured at Holbrook were higher than those taken at Lawrenceville regardless of the season;
- 6) Ammonium levels remained relatively constant between seasons and between sites;
- 7) Nitrate levels measured at Lawrenceville were higher than those measured at Holbrook during winter intensive sampling. Nitrate levels measured during the summer intensive period were found to be very low at both locations;
- 8) In general, the predominant inorganic fraction of the samples analyzed could be described as being composed of a mixture of ammonium bisulfate and ammonium sulfate with minor amounts of ammonium nitrate;
- 9) The PM<sub>10</sub> fraction had a larger percentage of geological material and a smaller percentage of condensable material (ammonium bisulfate, ammonium sulfate,

- ammonium nitrate and total carbon species) than the PM<sub>2.5</sub> fraction for samples collected in winter at Lawrenceville; and
- 10) Most high PM<sub>2.5</sub> episodes occurred when the predominating wind direction was from the South-West.
  - 11) Plots of ozone vs. NO<sub>X</sub> suggest chemical reaction between these molecules since a high concentration of one always results in a low concentration of the other.

The analysis of the acquired data has so far addressed three of the four scientific questions originally posed. More data analysis is on-going including the correlation between O<sub>3</sub> and PM<sub>2.5</sub> levels and the correlation of mass data with meteorological observations.

## **ACKNOWLEDGEMENTS**

The authors would like to acknowledge funding on this project under NETL Contract No. DE-AC26-98FT40456 and support from our colleagues at Desert Research Institute and Ohio University at Athens who are subcontractors on this project.

**TABLE 1 - INSTRUMENTATION AND SAMPLING REQUIREMENTS**

Parameter	Sampling Schedule		Comments
	Continuous	Intermittent	
Surface meteorology (winds, temperature, relative humidity, insolation)	x		Basic data to establish meteorological conditions
FRM PM <sub>2.5</sub> Teflon and quartz filter		x	Gravimetric mass and organics/inorganics
FRM PM <sub>10</sub> Teflon and quartz filter		x	Gravimetric mass and organics/inorganics
TEOM PM <sub>2.5</sub> (mass)	x		Mass concentration
TEOM PM <sub>10</sub> (mass)	x		Mass concentration
Semi-volatile and filter-based sampler (speciation sampler)		x	Determination of semi-volatile inorganics and organics (e.g., NH <sub>3</sub> , NO <sub>3</sub> , VOCs ) and other filter chemistry
Ozone	x		Provide ozone concentration and a measure of photochemical activity
Reactive nitrogen (e.g., NO <sub>x</sub> , NO <sub>2</sub> , NO <sub>y</sub> )	x		Oxidant and nitrate precursors; important energy production byproduct
CO	x		Tracer for motor vehicles
SO <sub>2</sub>	x		Tracer for coal combustion; co-factor in PM exposure

**TABLE 2 - PM<sub>2.5</sub> SAMPLING AND ANALYSIS**

SAMPLER	DENUDER	CHANNEL NO.	FILTER MATERIALS		ANALYSIS	
			Front	Back	Front	Back
SFS-PM2.5	(none)	A	Teflon	Quartz	Mass (Gravimetry), Elements (XRF)	Carbon (TOR)
		B	Quartz	Cellulose/NaCl	Carbon (TOR); Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup> (IC); NH <sub>4</sub> <sup>+</sup> (AC); Na <sup>+</sup> , K <sup>+</sup> (AA)	NO <sub>3</sub> <sup>-</sup> (IC)
SASS #72	(none)	A	Teflon	Quartz	Mass (Gravimetry), Elements (XRF)	Carbon (TOR)
		B	Quartz	Cellulose/NaCl	Carbon (TOR); Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup> (IC); NH <sub>4</sub> <sup>+</sup> (AC); Na <sup>+</sup> , K <sup>+</sup> (AA)	NO <sub>3</sub> <sup>-</sup> (IC)
SFS-PM10	(none)	A	Teflon	Quartz	Mass (Gravimetry), Elements (XRF)	Carbon (TOR)
		B	Quartz	Cellulose/NaCl	Carbon (TOR); Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup> (IC); NH <sub>4</sub> <sup>+</sup> (AC); Na <sup>+</sup> , K <sup>+</sup> (AA)	NO <sub>3</sub> <sup>-</sup> (IC)
SGS-TP	Nitric Acid	A	Quartz	Cellulose/NaCl	NO <sub>3</sub> <sup>-</sup> (IC)	NO <sub>3</sub> <sup>-</sup> (IC)
	(none)	B	Quartz	Cellulose/NaCl	NO <sub>3</sub> <sup>-</sup> (IC)	NO <sub>3</sub> <sup>-</sup> (IC)
SASS #74	Nitric Acid	A	Quartz	Cellulose/NaCl	NO <sub>3</sub> <sup>-</sup> (IC)	NO <sub>3</sub> <sup>-</sup> (IC)
	(none)	B	Quartz	Cellulose/NaCl	NO <sub>3</sub> <sup>-</sup> (IC)	NO <sub>3</sub> <sup>-</sup> (IC)
SGS-PM2.5	Ammonia	A	Quartz	Cellulose/Citric Acid	NH <sub>4</sub> <sup>+</sup> (AC)	NH <sub>4</sub> <sup>+</sup> (AC)
	(none)	B	Quartz	Cellulose/Citric Acid	NH <sub>4</sub> <sup>+</sup> (AC)	NH <sub>4</sub> <sup>+</sup> (AC)
SASS #75	Ammonia	A	Quartz	Cellulose/Citric Acid	NH <sub>4</sub> <sup>+</sup> (AC)	NH <sub>4</sub> <sup>+</sup> (AC)
	(none)	B	Quartz	Cellulose/Citric Acid	NH <sub>4</sub> <sup>+</sup> (AC)	NH <sub>4</sub> <sup>+</sup> (AC)
FRM (R&P) -a	(none)	-	Teflon	(none)	Mass (Gravimetry), Elements (XRF)	-
FRM (R&P) -b	(none)	-	Quartz	(none)	Carbon (TOR); Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup> (IC); NH <sub>4</sub> <sup>+</sup> (AC); Na <sup>+</sup> , K <sup>+</sup> (AA)	-
Portable PM2.5	(none)	-	Polycarbonate	(none)	CCSEM	-

XRF = X-Ray Fluorescence, TOR = Thermal/Optical Reflectance, IC = Ion Chromatography, AC = Automated Colorimetry, AA = Atomic Absorption, CCSEM = Computer Controlled Scanning Electron Microscopy

Table 3: Sample Collection Summary  
February 1999 - September 2002

<b>Sample Type</b>	<b>Parameter</b>	<b>Inlet Size</b>	<b>Total No. Collected</b>
<b>Discrete Filter Samples</b>	Particulate (SFS)	PM <sub>2.5</sub>	1407
	Particulate (SASS)	PM <sub>2.5</sub>	162
	Particulate (SFS)	PM <sub>10</sub>	1201
	Ammonia (SGS)	PM <sub>2.5</sub>	1201
	Nitric Acid (SGS)	TSP	1248
	SEM (MiniVol)	PM <sub>2.5</sub>	1248
	Particulate (FRM-TEF)	PM <sub>2.5</sub>	332
	Particulate (FRM-QRTZ)	PM <sub>2.5</sub>	249
<b>TOTAL</b>			7048
<b>Continuous Filter Samples</b>  <b>(TEOMs)</b>	<b>Parameter</b>		<b>Collection Period</b>
	PM <sub>2.5</sub> Particulate		June 1999 - Present
<b>Precursor Gases</b>	PM <sub>10</sub> Particulate		June 1999 - Present
	NOx		June 1999 - Present
	SO <sub>2</sub>		June 1999 - Present
	O <sub>3</sub>		June 1999 - Present
<b>Meteorological Data</b>	CO		June 1999 - Present
	Wind Speed		June 1999 - Present
	Wind Direction		June 1999 - Present
	Temperature		June 1999 - Present
	Relative Humidity		June 1999 - Present
	Solar Radiation		June 1999 - Present
	Precipitation		June 1999 - Present
Barometric Pressure			June 1999 - Present

**TABLE 4: Available Mass Concentration Results as of September 2002**

<b>Site</b>	<b>Inlet Size</b>	<b>Sample Type</b>	<b>No. of Samples</b>
<b>Lawrenceville</b>	PM <sub>2.5</sub>	Particulate (SFS)	886
	PM <sub>2.5</sub>	Particulate (FRM)	152
	PM <sub>10</sub>	Particulate (SFS)	877
	<b>Subtotal</b>		<b>1915</b>
<b>Holbrook</b>	PM <sub>2.5</sub>	Particulate (SFS)	331
	PM <sub>2.5</sub>	Particulate (FRM)	154
	PM <sub>10</sub>	Particulate (SFS)	328
	<b>Subtotal</b>		<b>813</b>
<b>Monongalia</b>	PM <sub>2.5</sub>	Particulate (SFS)	154
<b>Athens</b>	PM <sub>2.5</sub>	Particulate (SASS)	147
<b>TOTAL</b>			<b>3029</b>

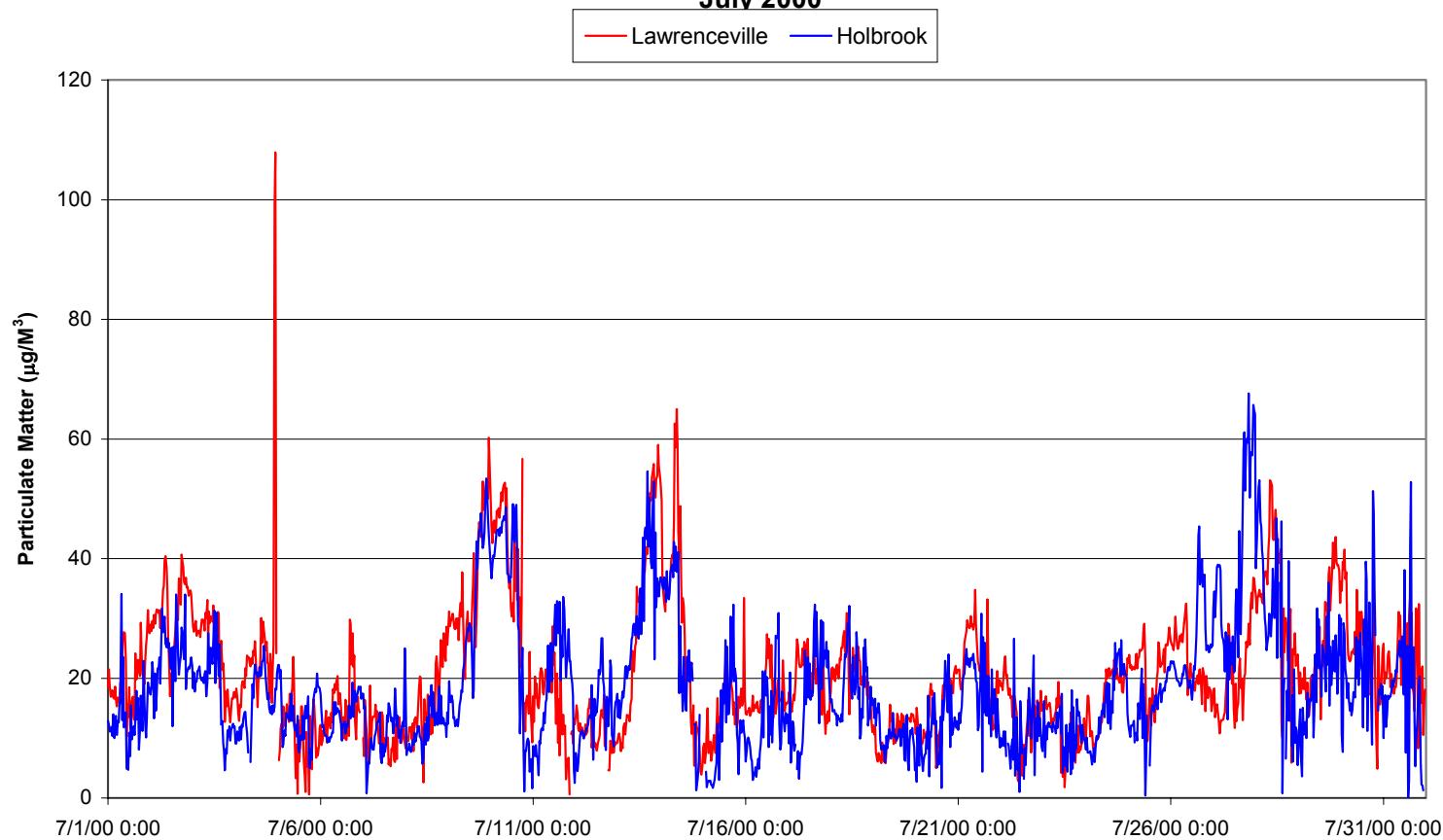
**TABLE 5: Chemical Species Analyses**

<b>Site</b>	<b>Inlet Size</b>	<b>Sample Type</b>	<b>No. of Samples</b>
			(as of September 2002)
<b>Lawrenceville</b>	PM <sub>2.5</sub>	Particulate (SFS)	275
	PM <sub>2.5</sub>	Particulate (FRM-TEF)	8
	PM <sub>2.5</sub>	Particulate (FRM-QRTZ)	8
	PM <sub>10</sub>	Particulate (SFS)	45
	PM <sub>2.5</sub>	Ammonia (SGS)	248
	TSP	Nitric Acid (SGS)	244
	PM <sub>2.5</sub>	SEM (MiniVol)	1
	<b>Subtotal</b>		<b>829</b>
<b>Holbrook</b>	PM <sub>2.5</sub>	Particulate (SFS)	80
	PM <sub>2.5</sub>	Particulate (FRM-TEF)	8
	PM <sub>2.5</sub>	Particulate (FRM-QRTZ)	0
	PM <sub>10</sub>	Particulate (SFS)	17
	PM <sub>2.5</sub>	Ammonia (SGS)	65
	TSP	Nitric Acid (SGS)	67
	PM <sub>2.5</sub>	SEM (MiniVol)	1
	<b>Subtotal</b>		<b>238</b>
<b>Monongalia</b>	PM <sub>2.5</sub>	Particulate (SFS)	0
<b>Athens</b>	PM <sub>2.5</sub>	Particulate (SASS)	147
<b>TOTAL</b>			<b>1214</b>

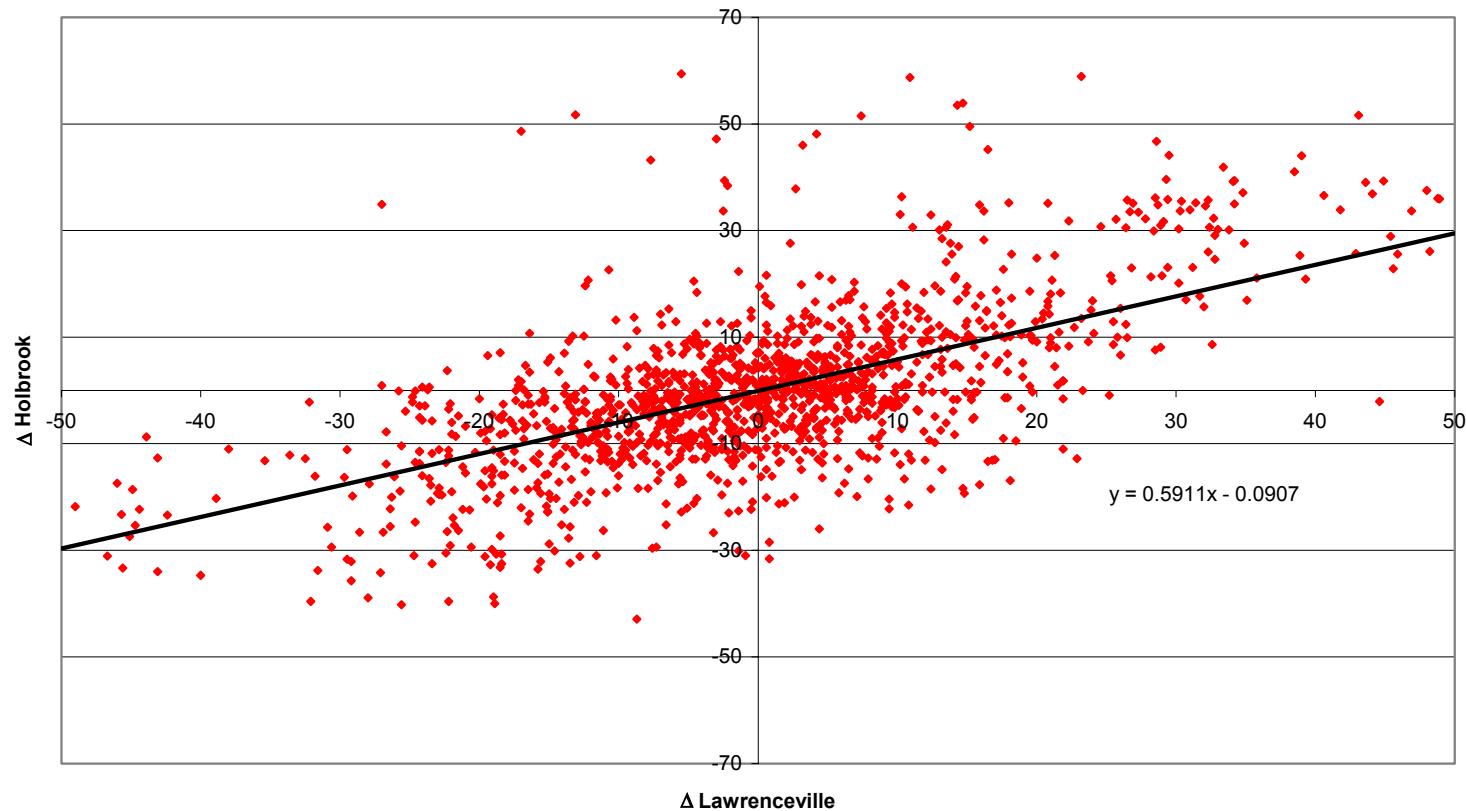
**TABLE 6: Summary of Continuously Collected Measurements from the UORVP**

Species	Site	Instrument	1999						2000						2001						2002									
			Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	LV	TEOM	24.5	35.3	26.9	25.2	23.0	22.8	19.0	18.2	22.4	20.1	18.9	26.5	21.6	26.7	24.3	21.7	28.8	21.5	18.4	18.3	19.1	13.4	16.3	37.2	34.6			
PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	LV	TEOM	21.8	25.2	20.0	15.4	15.2	15.2	11.7	12.1	14.3	12.7	12.3	19.7	20.3	20.9	20.4	14.5	18.0	14.5	12.3	12.8	12.7	13.9	13.4	14.5	15.8	12.3		
PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	HB	TEOM	18.8	24.6	17.5	14.7	12.9	12.9	8.9	9.7	11.4	10.6	10.8	16.2	18.1	18.5	18.9	12.7	14.5	15.8	10.4	10.9	11.8	12.7	13.4	14.5	15.8	10.4		
Temp (°C)	LV	Met. Unit		26.4						-0.9	3.4	8.0	11.2	18.4	22.2	21.5	21.7	17.8	13.0	4.9	-3.7									
Temp (°C)	HB	Met. Unit		24.6	21.0	18.4	12.2	9.0	2.0	-1.7	3.7	7.7	10.8	17.7	20.8	20.3	20.3	16.8	13.4	4.5	-4.5									
R. Humidity (%)	LV	Met. Unit																76.8	77.4	75.9	73.3	73.0								
O <sub>3</sub> (ppb)	LV	Gas Anal.	37.9	41.1	28.2	21.6	15.0	14.2	8.7	12.5	14.7	20.7	23.9	30.8	33.2	30.6	28.2	18.2	14.1	7.6	7.5									
O <sub>3</sub> (ppb)	HB	Gas Anal.		57.5	49.0	45.1	36.0	35.0	22.5	26.2	34.7	39.4	42.8	53.4	50.0	46.9	41.8	31.7	37.9	20.6	17.2									
NO <sub>x</sub> (ppb)	LV	Gas Anal.	26.0	26.8	27.1	28.3	55.0	60.1	63.0	44.9	57.4	37.9	32.3	27.7	19.8	22.1	23.9	37.3	72.1	79.4	59.4									
NO <sub>x</sub> (ppb)	HB	Gas Anal.		0.9						19.3	7.9	5.2	2.2	3.3	3.5	2.2	3.2	5.1	6.5	10.7										
NO <sub>2</sub> (ppb)	LV	Gas Anal.	21.6	22.9	20.3	23.0	24.1	24.1	24.7	23.7	23.8	20.5	17.6	18.2	14.9	16.8	17.1	19.9	28.5	29.3	26.5									
NO <sub>2</sub> (ppb)	HB	Gas Anal.		1.0						13.7	6.5	4.5	2.0	3.0	3.1	1.9	2.4	4.6	5.7	8.5										
SO <sub>2</sub> (ppb)	LV	Gas Anal.		11.5						8.8	8.1			3.5	7.2	6.9	6.3	6.6	6.3	8.5										
SO <sub>2</sub> (ppb)	HB	Gas Anal.		9.9	9.4	8.9	10.3	10.8	11.9	9.5	9.0	7.8	7.9	6.0	7.2	8.2	8.4	5.7	9.9	9.6	12.7									
<hr/>																														
Species	Site	Instrument	2001						2002						2001						2002									
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Jan	Feb	Mar	Apr	May	Jun	Jul		
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	LV	TEOM	24.5	19.5	14.0	26.1	30.3	35.6	32.5	36.3	22.4	22.5	24.9	16.2	18.3	19.1							37.2	34.6						
PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	LV	TEOM	16.8	13.0	11.7	12.9	16.8	24.7	22.5	30.0	17.6	15.9	18.2	12.1	12.8	12.7	13.9	13.4	16.3	26.1	28.1									
PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	HB	TEOM	10.9	9.6	9.8	11.9	11.7	16.3	14.5	24.1	14.5	11.5	12.8	8.7	9.4	8.6	10.9	10.1	15.1	20.7	28.2									
Temp (°C)	LV	Met. Unit	-0.8	2.3	2.5	13.1	17.0	21.8	22.6	24.1	17.9	13.2	9.7	4.0	3.0	2.2	5.5	12.3	14.8		25.4									
Temp (°C)	HB	Met. Unit	-1.2	2.3	2.1	13.3	15.9	20.4	21.2	22.1	16.7	12.6	10.1	3.9	2.4	2.0	5.4	12.2	15.9	21.3	23.4									
R. Humidity (%)	LV	Met. Unit	75.9	65.5	70.4	64.7	69.5	72.4	69.7	73.9	74.0	66.2	71.3	71.4	69.7	62.0	63.4	63.9	68.0		67.4									
O <sub>3</sub> (ppb)	LV	Gas Anal.	9.3	13.4	18.0	26.1	26.9	34.0	32.1	33.7	21.7	20.1	11.4	9.1	9.4	14.8	19.4	27.2	27.5		40.0									
O <sub>3</sub> (ppb)	HB	Gas Anal.	22.4	27.2	31.7	49.7	50.8	55.0	48.9	48.5	40.3	42.2	33.3																	
NO <sub>x</sub> (ppb)	LV	Gas Anal.	69.4	39.1	36.3	37.7	36.8	29.2	23.6	26.5	29.9	46.0	75.3	58.6	50.9	49.1	42.4	32.6	29.4											
NO <sub>x</sub> (ppb)	HB	Gas Anal.	15.7	11.9	10.1	6.3		4.4	4.4	4.3	5.5	5.4	13.7																	
NO <sub>2</sub> (ppb)	LV	Gas Anal.	26.0	19.6	20.3	20.8	22.6	20.9	17.1	20.0	18.4	21.4	24.6	21.1	23.6	22.0	22.2	19.2	19.7											
NO <sub>2</sub> (ppb)	HB	Gas Anal.	11.2	9.0	7.9	6.2		4.5	4.4	4.3	5.3	5.3	6.8																	
SO <sub>2</sub> (ppb)	LV	Gas Anal.	12.9	5.0	3.9	4.7	4.5	4.0	4.3	6.4	4.1	5.8	8.3	5.5	8.2	7.4	5.8	3.6	3.9		6.5									
SO <sub>2</sub> (ppb)	HB	Gas Anal.	13.0	10.6	9.7	9.8	7.8	6.4	6.2	6.0	4.8	4.8	7.1																	
<hr/>																														
<b>KEY</b>																														
= NO DATA												= DATA IN PROCESS																		

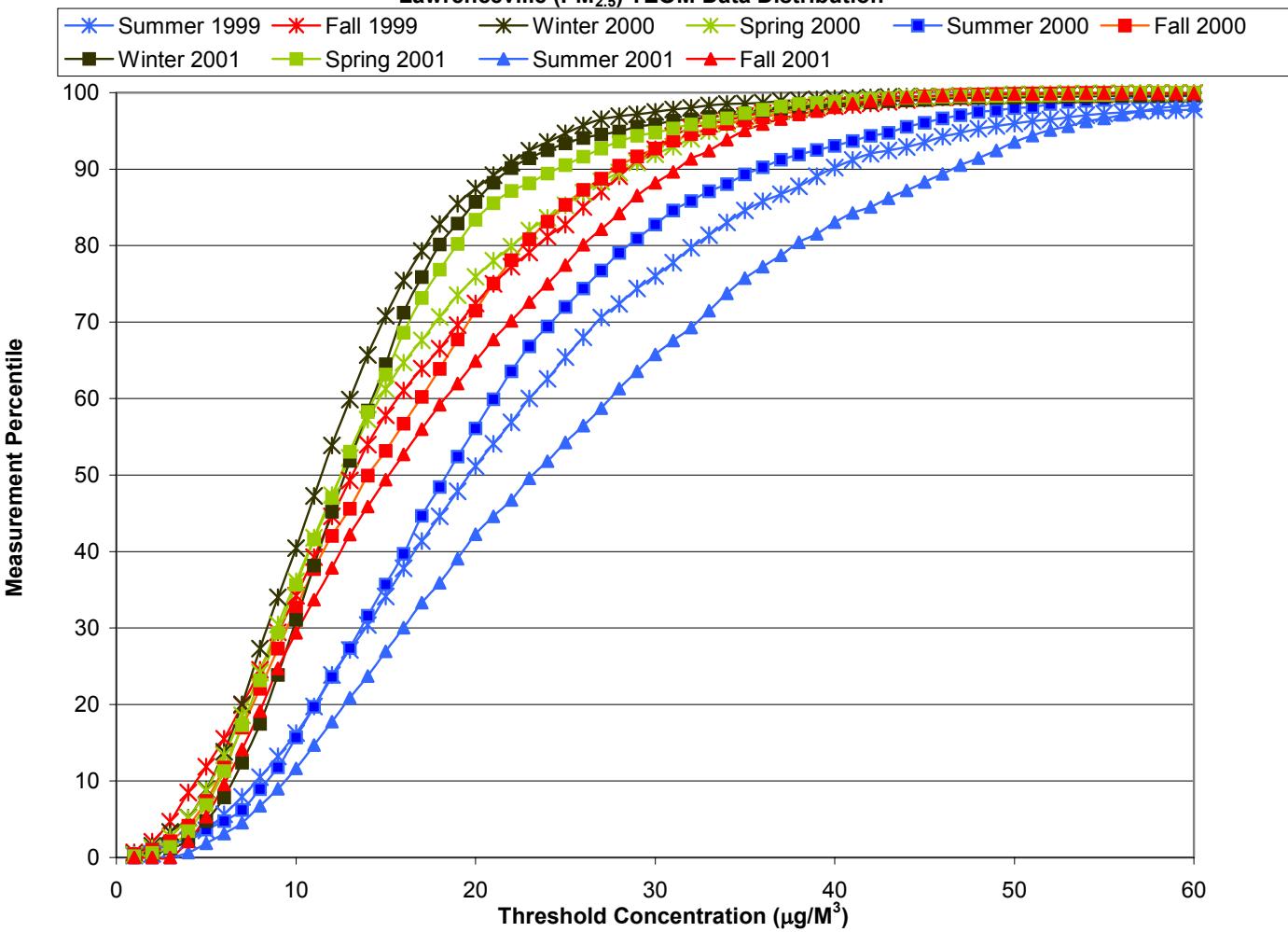
**FIGURE 1a:**  
**Lawrenceville & Holbrook PM<sub>2.5</sub> TEOMs**  
**July 2000**



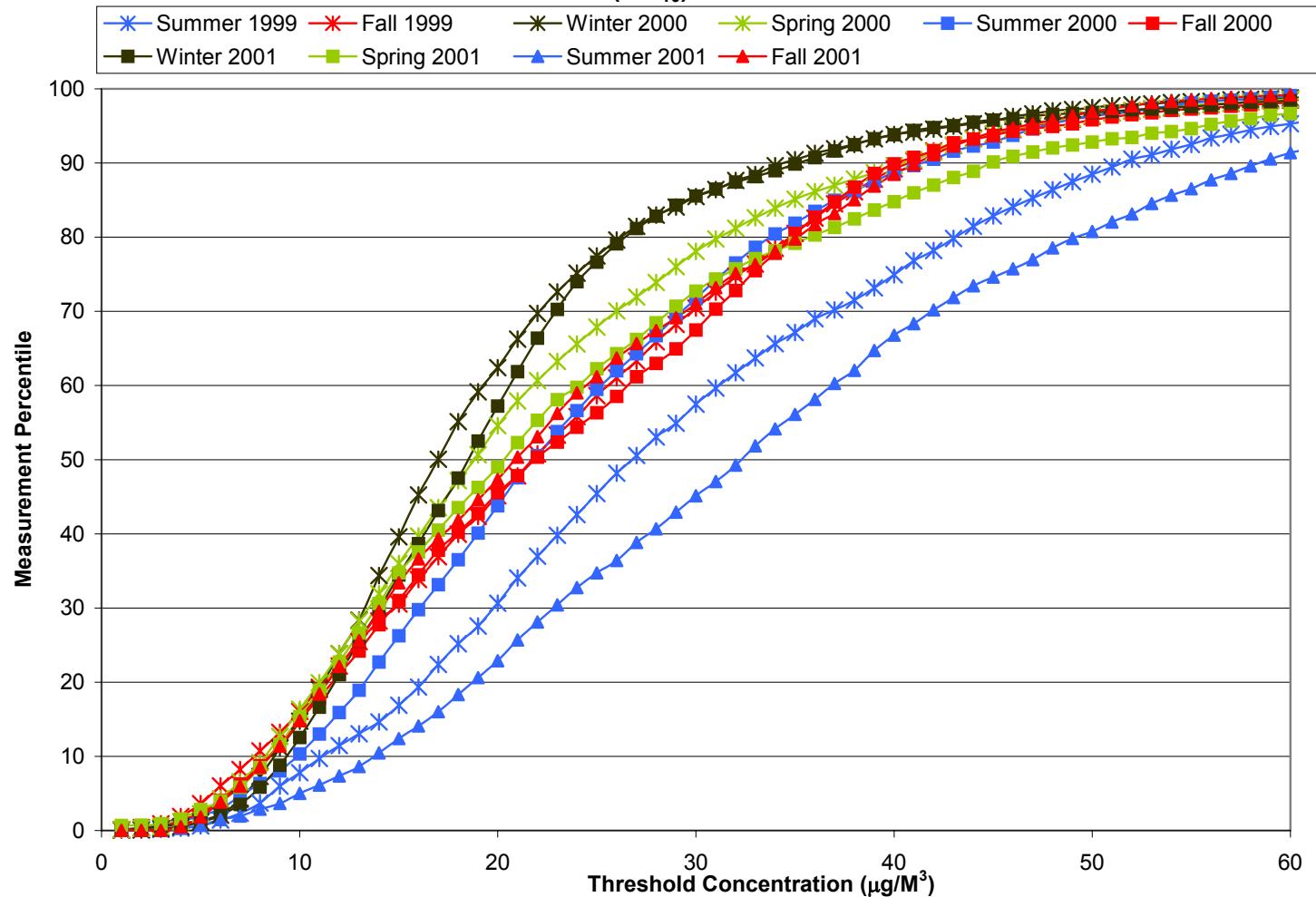
**FIGURE 1b:**  
Lawrenceville & Holbrook PM<sub>2.5</sub> TEOMs  
July 2000  
24-hour Concentration Differences



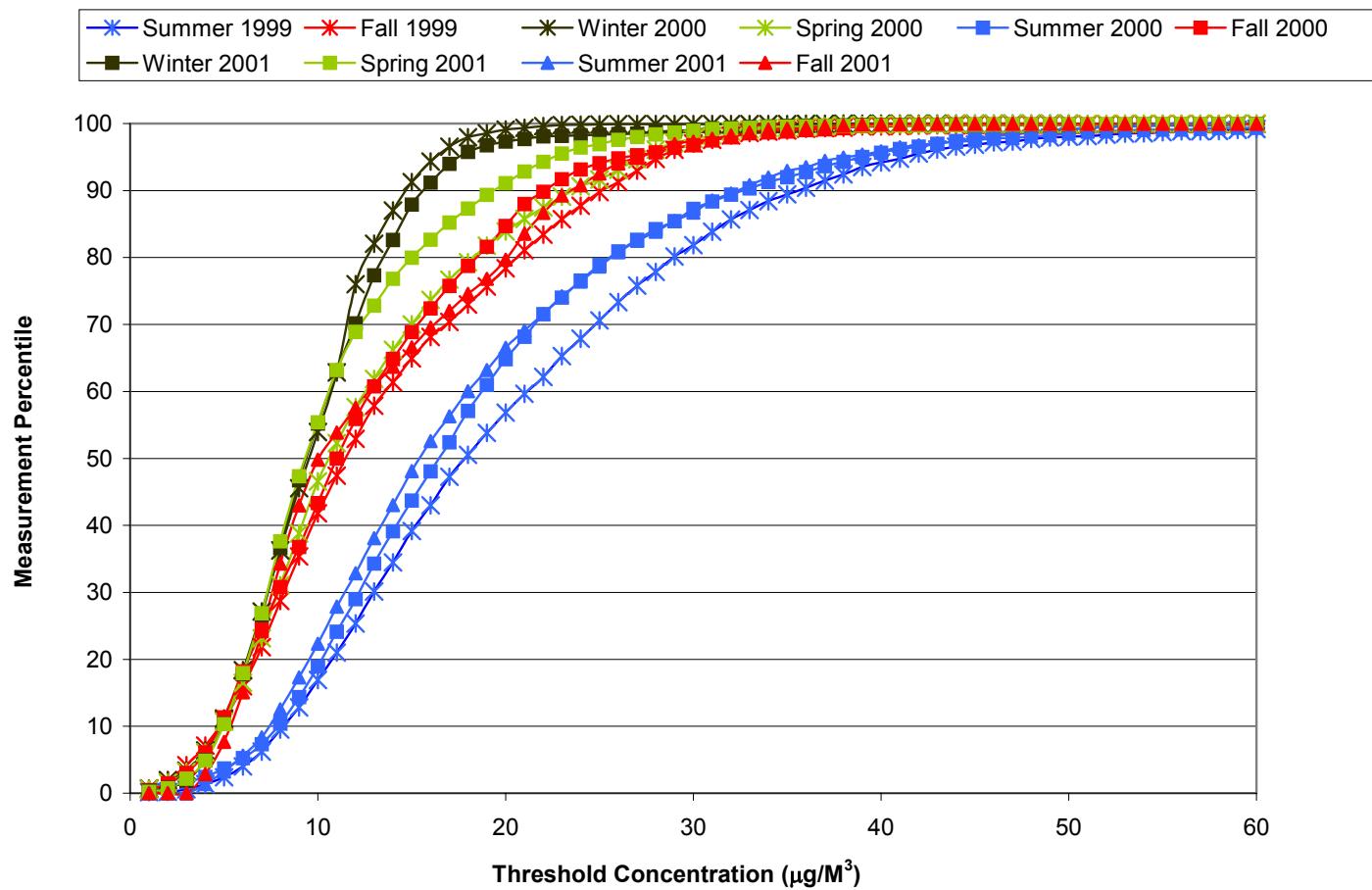
**FIGURE 2a:**  
**Summer 1999 - Fall 2001**  
**Lawrenceville (PM<sub>2.5</sub>) TEOM Data Distribution**

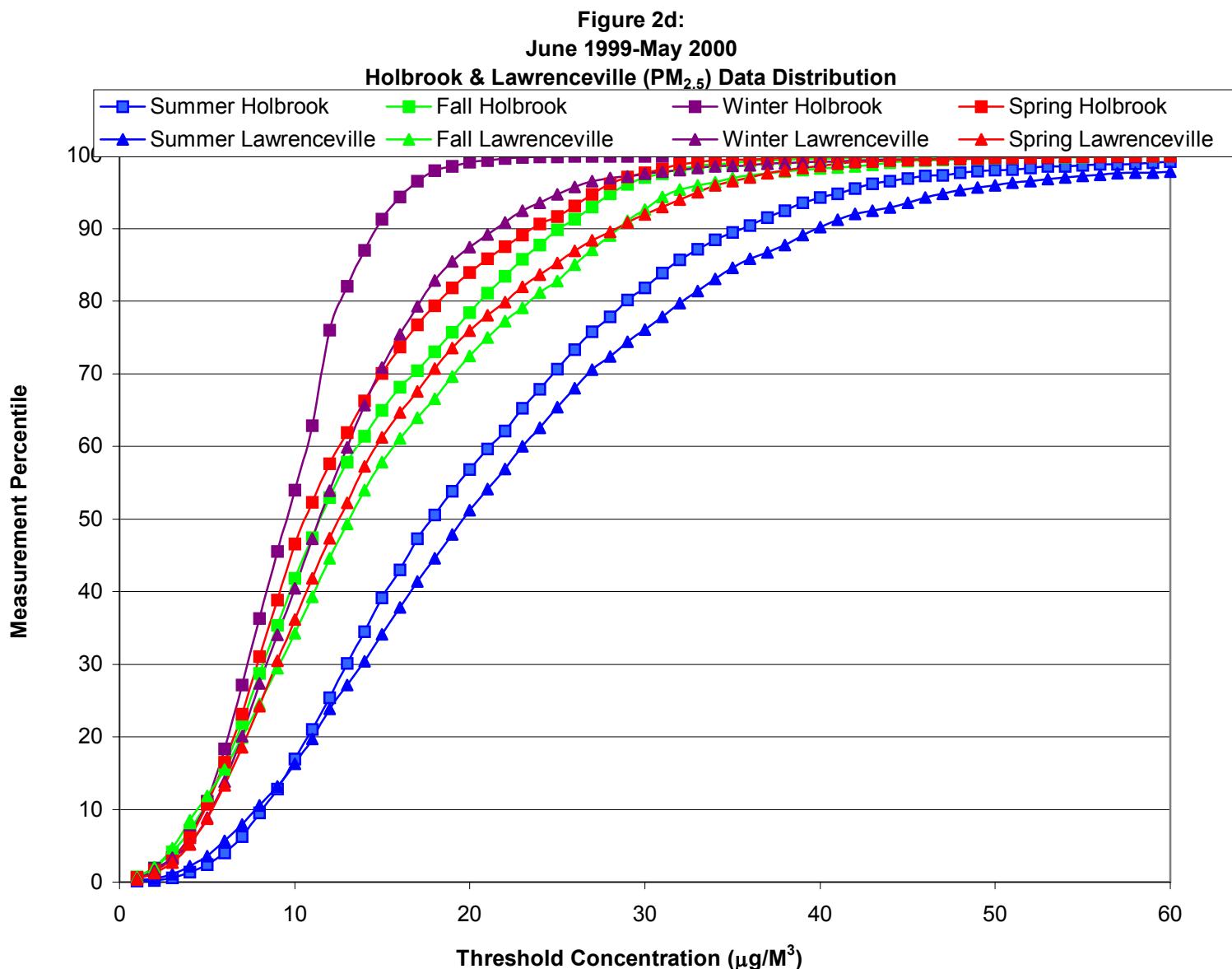


**FIGURE 2b:**  
**Summer 1999 - Fall 2001**  
**Lawrenceville (PM<sub>10</sub>) TEOM Data Distribution**

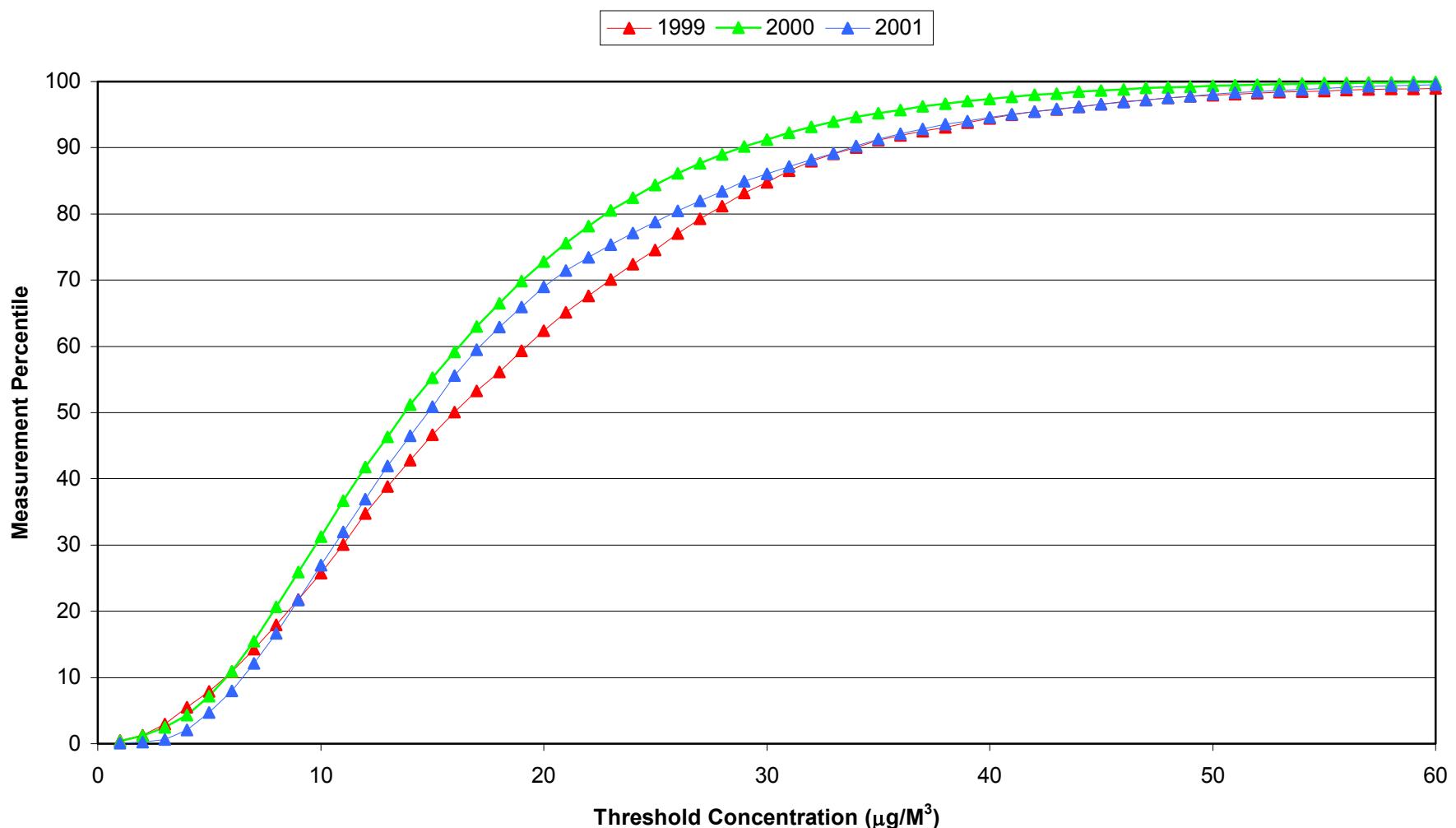


**FIGURE 2c:**  
June 1999 to November 2001  
Holbrook (PM<sub>2.5</sub>) TEOM Data Distribution

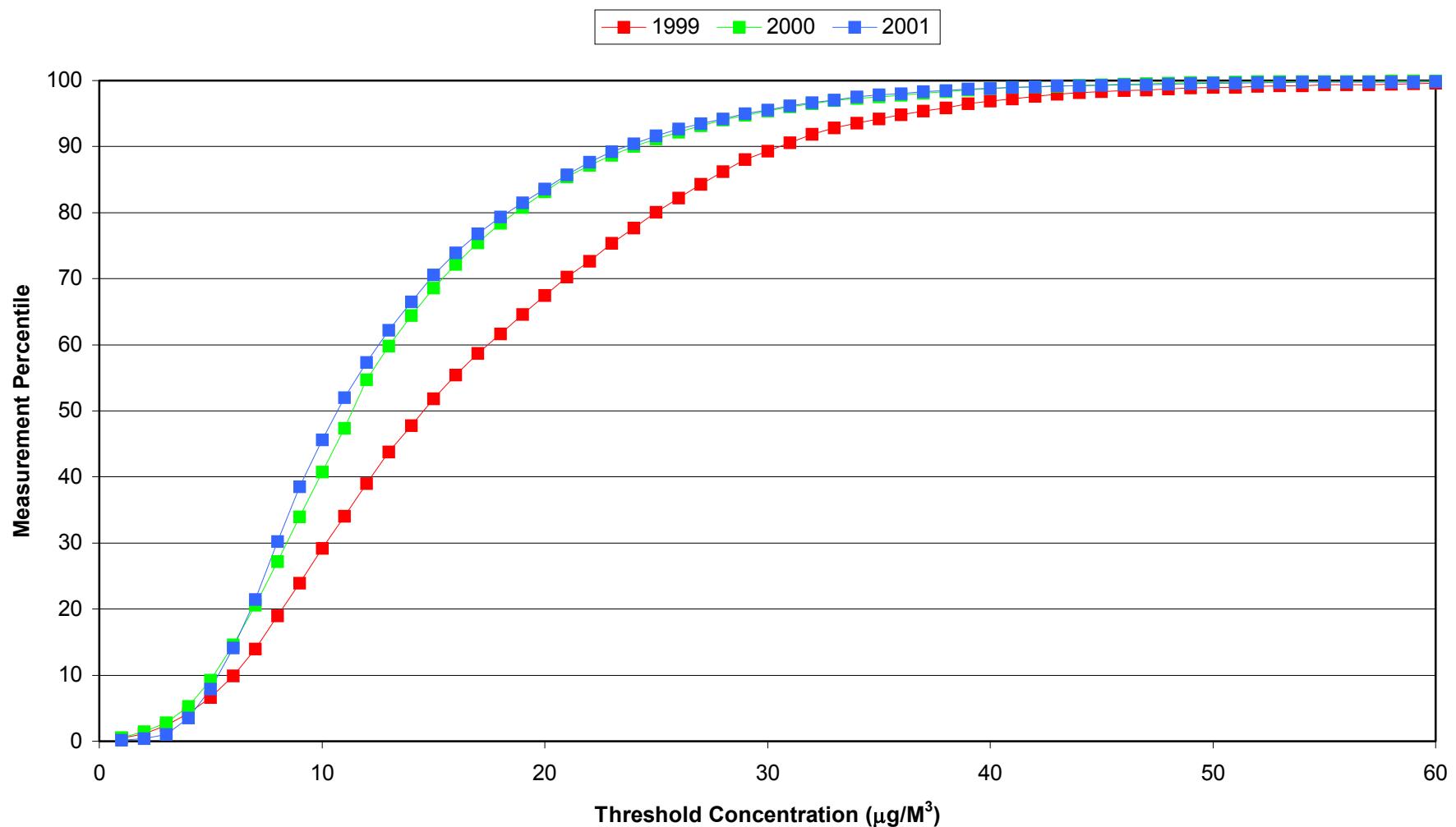




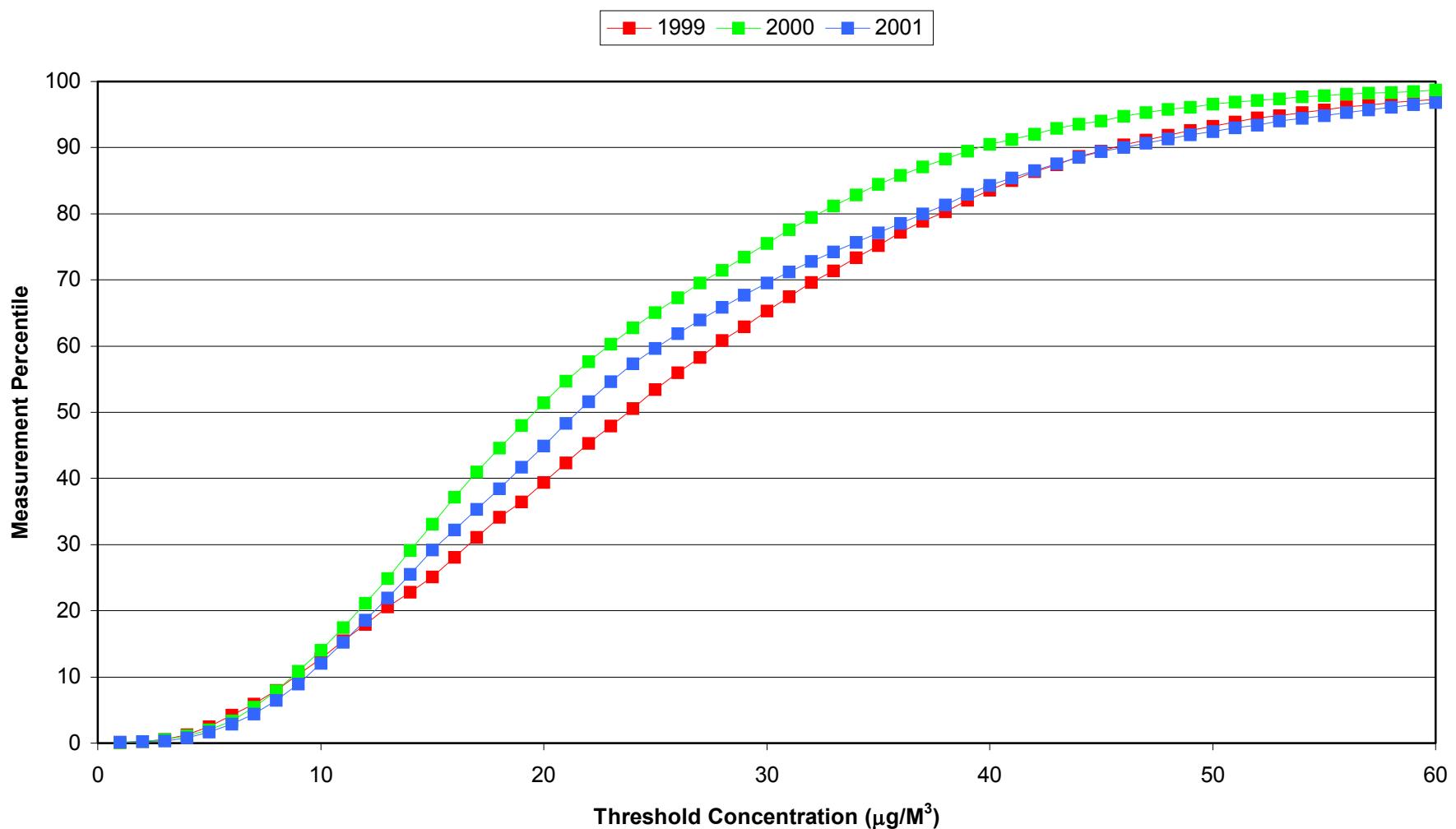
**Figure 3a:**  
**1999, 2000 & 2001 Lawrenceville**  
**PM<sub>2.5</sub> TEOM Data Distribution**



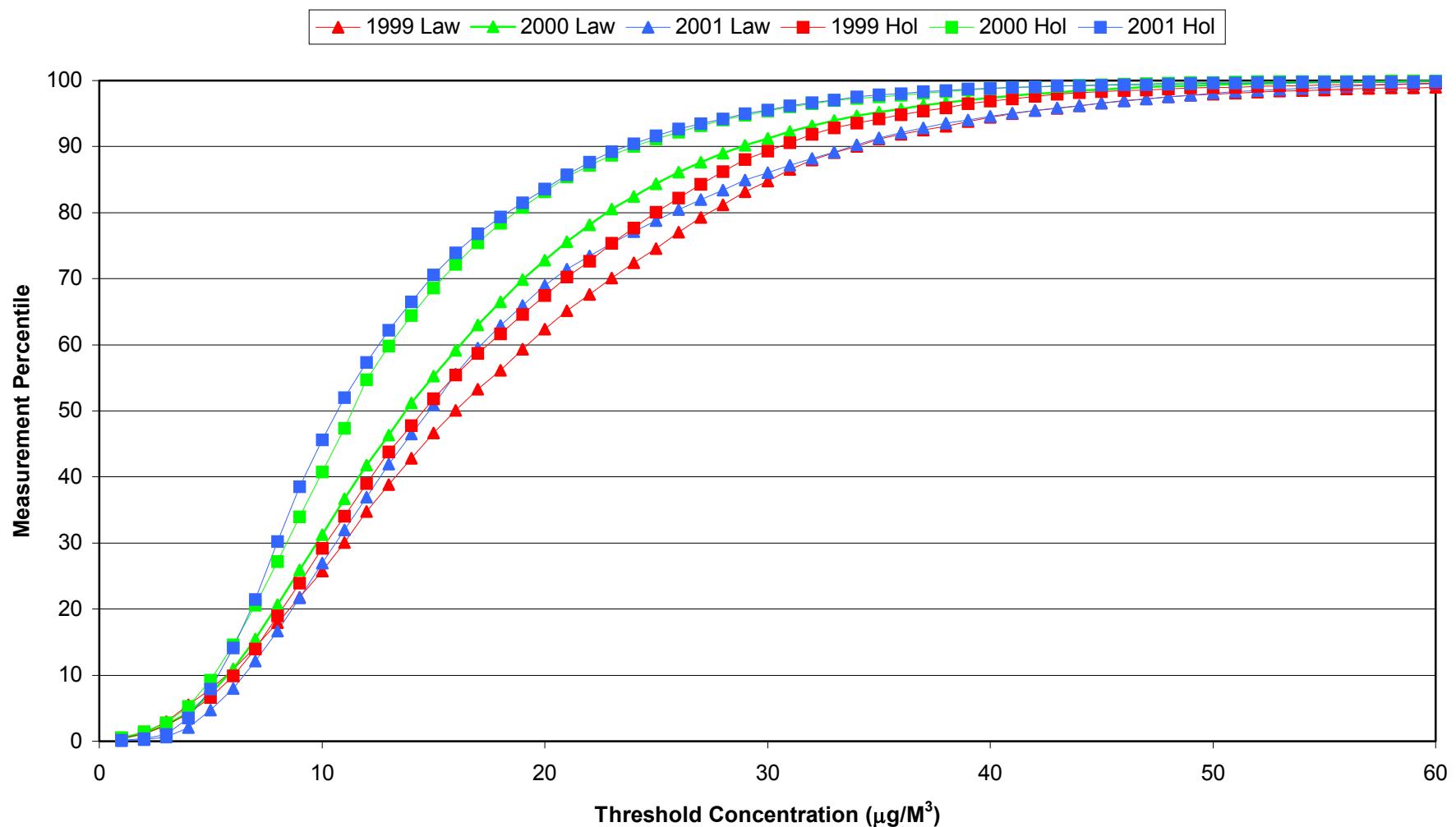
**Figure 3b:**  
**1999, 2000 & 2001 Holbrook**  
**PM<sub>2.5</sub> TEOM Data Distribution**



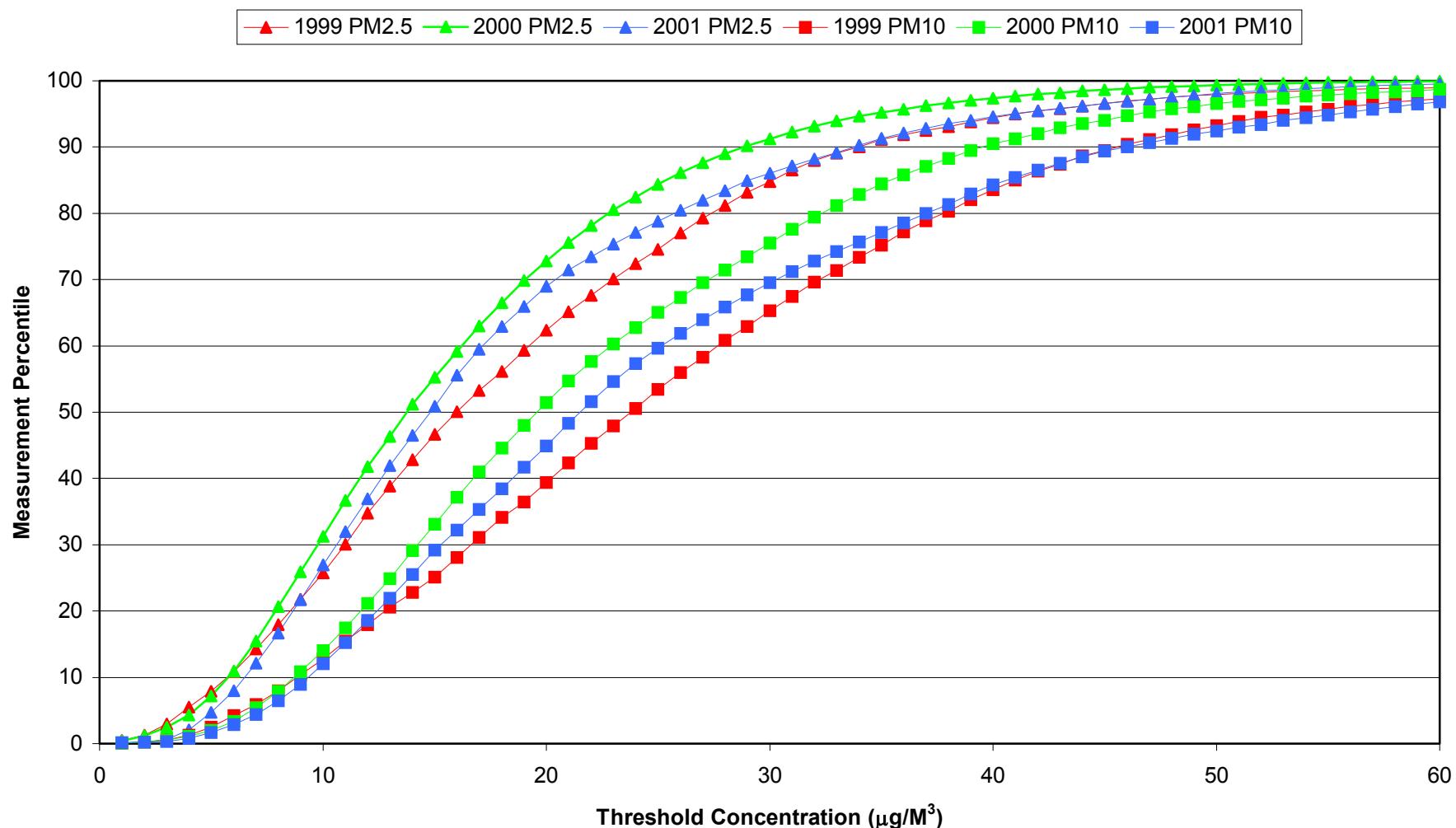
**Figure 3c:**  
**1999, 2000 & 2001 Lawrenceville**  
**PM<sub>10</sub> TEOM Data Distribution**



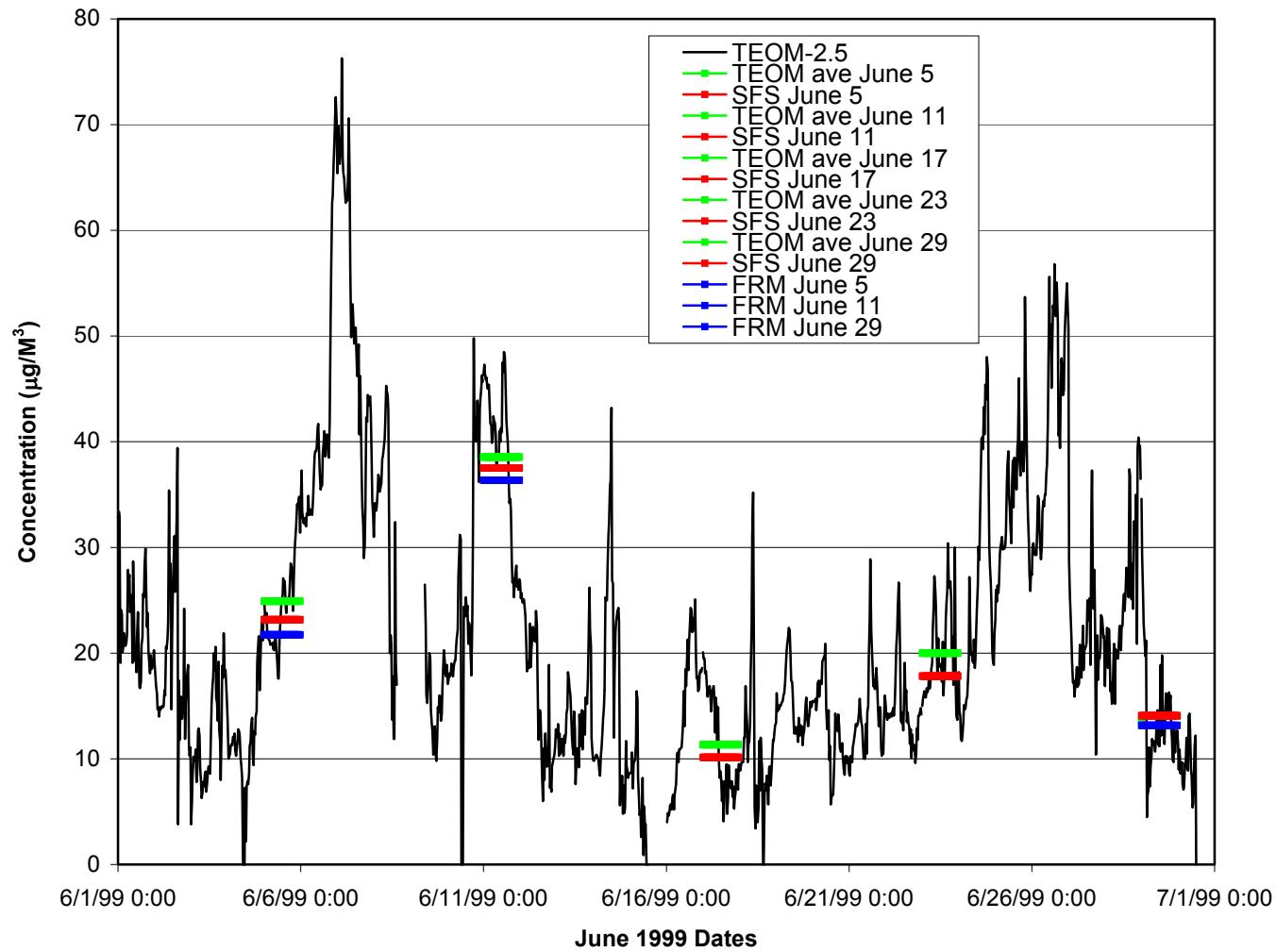
**Figure 3d:**  
**1999, 2000 & 2001 Lawrenceville & Holbrook**  
**PM<sub>2.5</sub> TEOM Data Distribution**



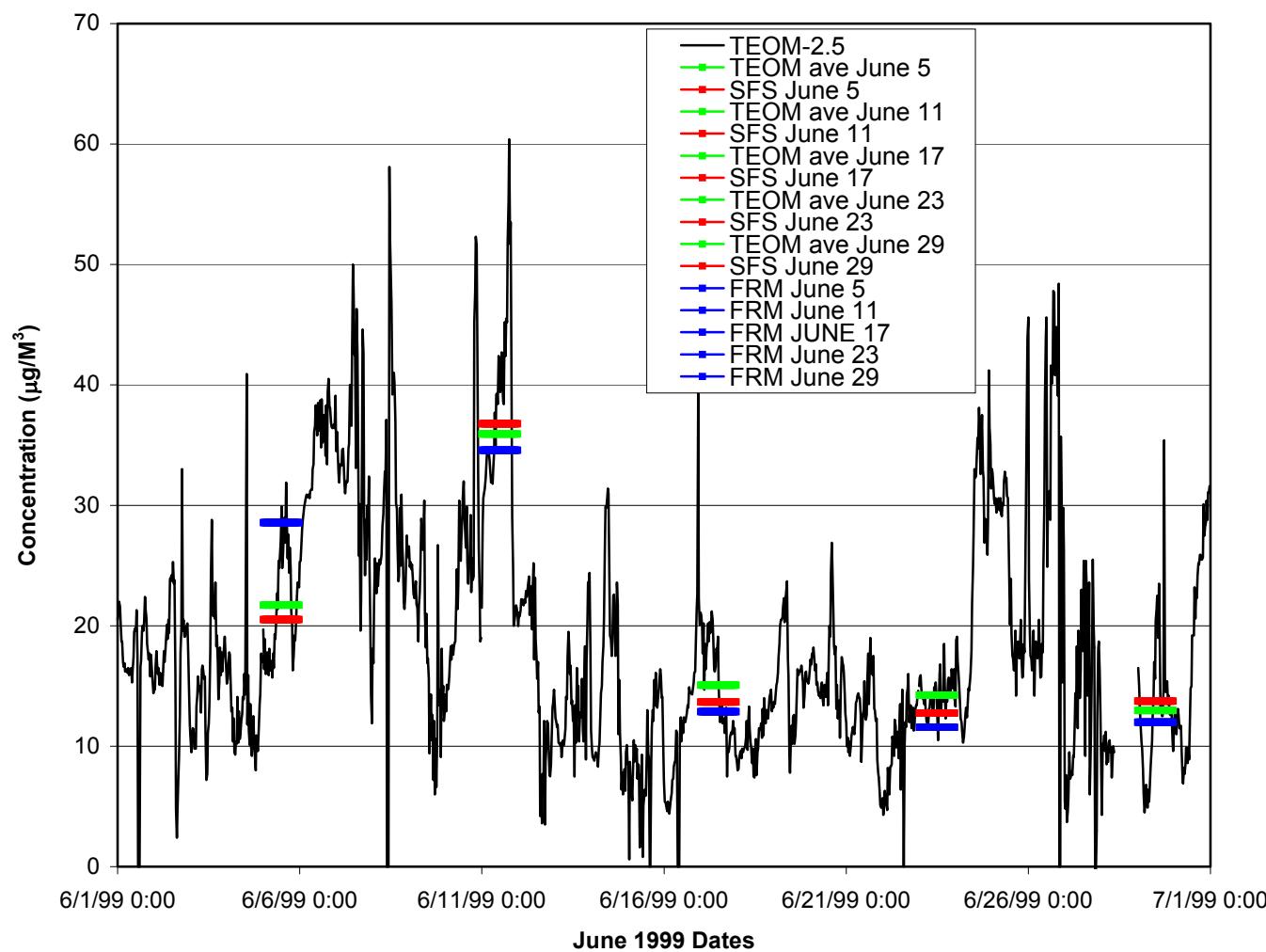
**Figure 3e:**  
**1999, 2000 & 2001 Lawrenceville**  
**PM<sub>2.5</sub> & PM<sub>10</sub> TEOM Data Distribution**



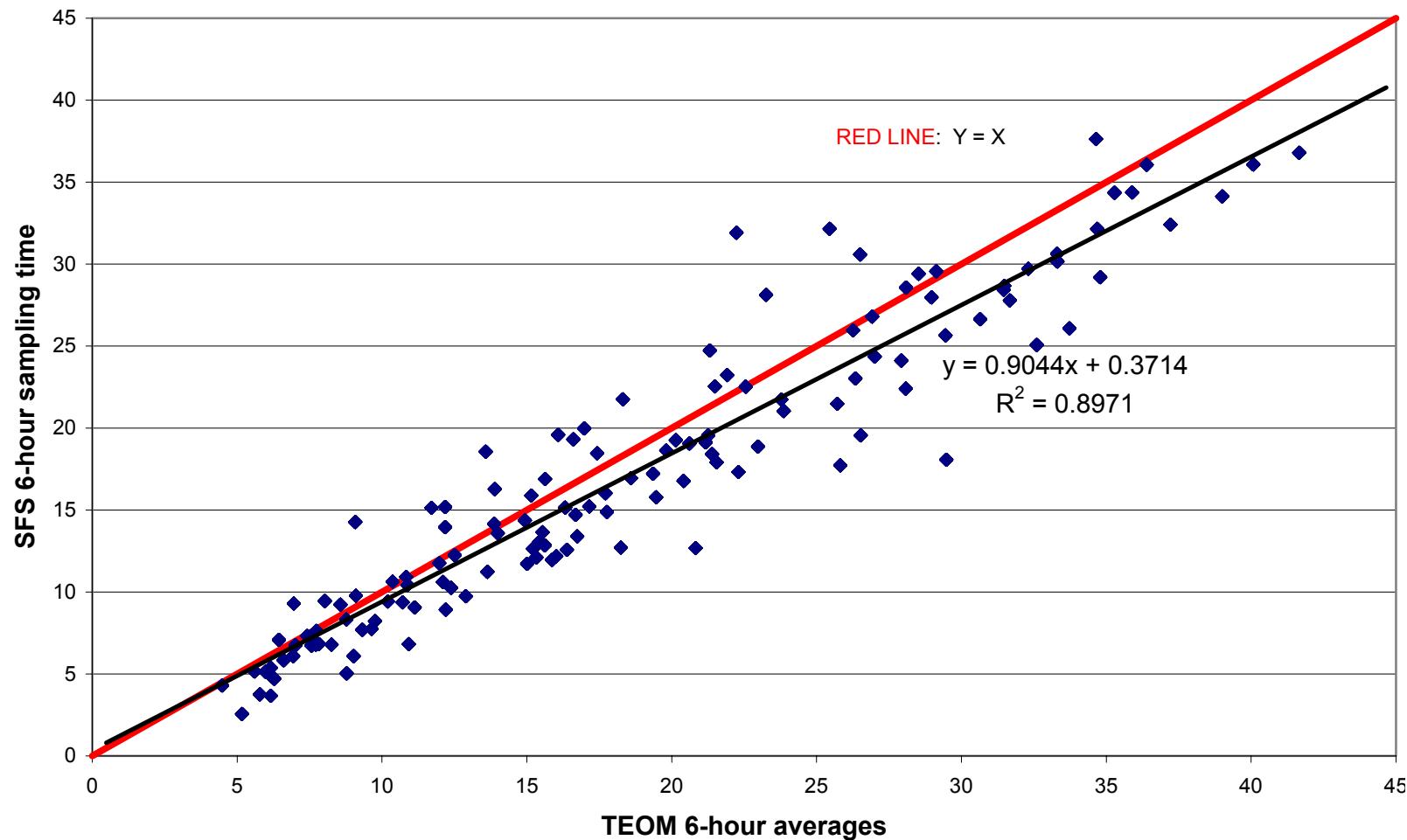
**FIGURE 4:**  
**Lawrenceville-TEOM PM<sub>2.5</sub>, SFS PM<sub>2.5</sub> & FRM PM<sub>2.5</sub>**



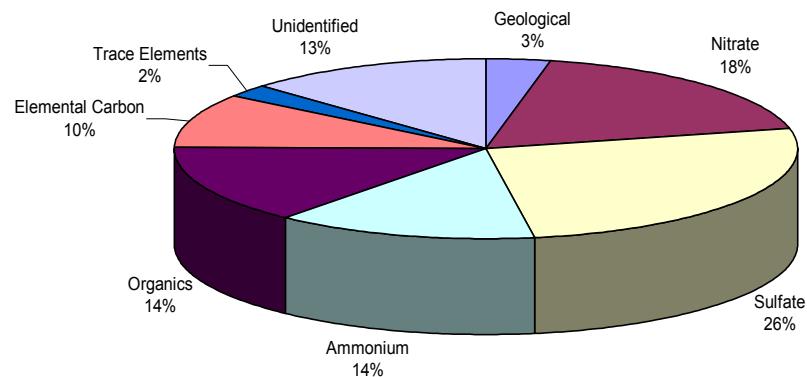
**FIGURE 5:**  
**Holbrook-TEOM PM<sub>2.5</sub>, SFS PM<sub>2.5</sub> & FRM PM<sub>2.5</sub>**



**FIGURE 6:**  
**SFS vs. TEOM Averages (PM<sub>2.5</sub>)**  
**Lawrenceville 8/7/99-9/11/99**

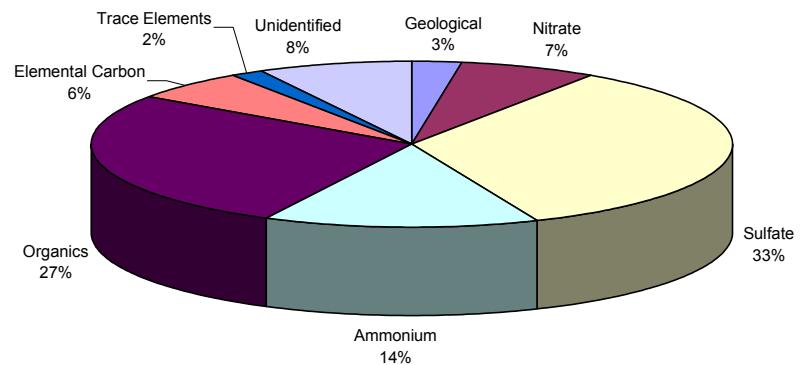


Winter 1999  
Lawrenceville  
 $\text{PM}_{2.5}$  Intensive Sampling Program  
(36 6-Hour Samples)

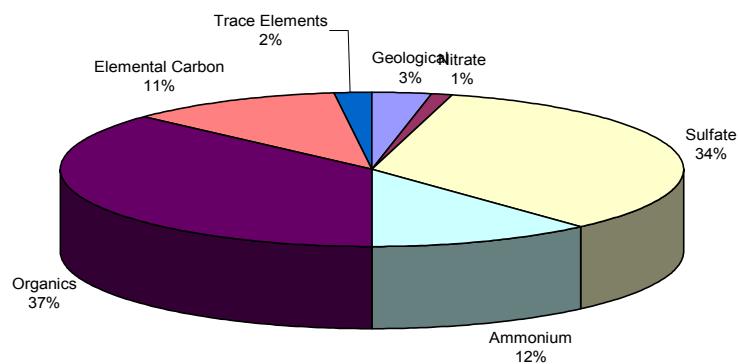


**FIGURE 7a:**  
**LAWRENCEVILLE/HOLBROOK**  
**WINTER COMPARISON**  
**1999**

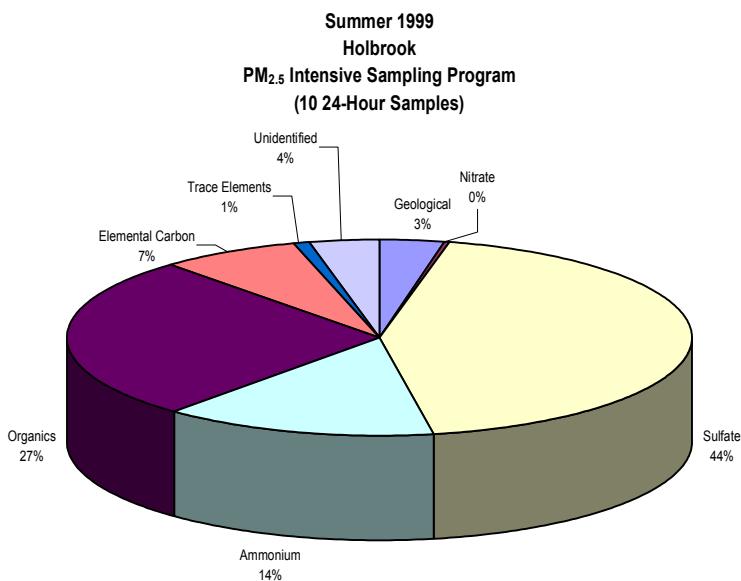
Winter 1999  
Holbrook  
 $\text{PM}_{2.5}$  Intensive Sampling Program  
(9 24-Hour Samples)



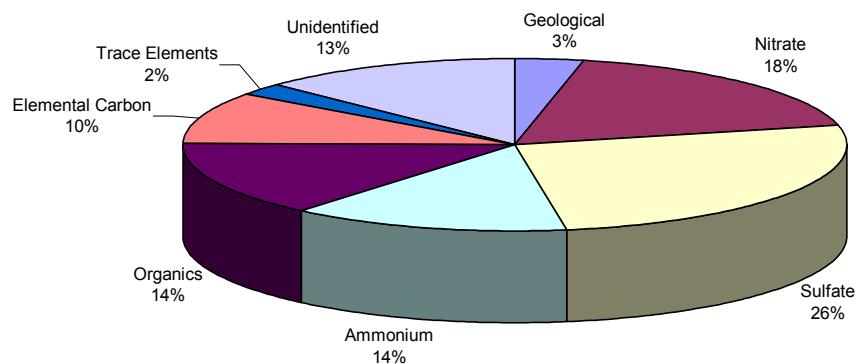
**Summer 1999  
Lawrenceville  
PM<sub>2.5</sub> Intensive Sampling Program  
(39 6-Hour Samples)**



**FIGURE 7b:  
LAWRENCEVILLE/HOLBROOK  
SUMMER COMPARISON  
1999**

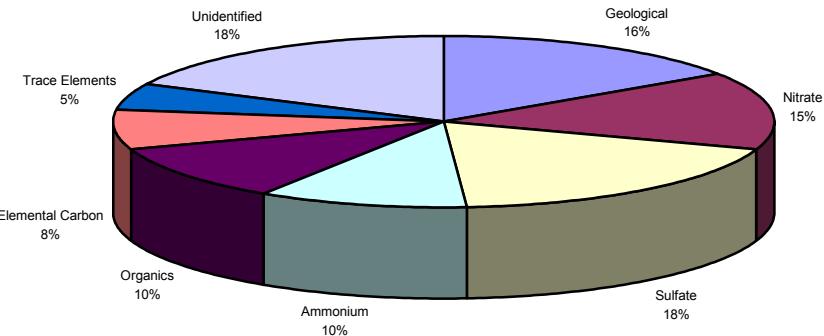


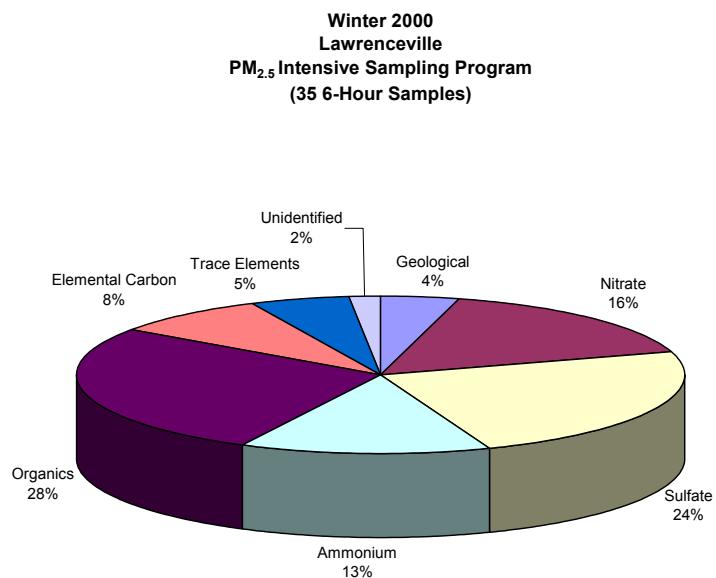
Winter 1999  
Lawrenceville  
PM<sub>2.5</sub> Intensive Sampling Program  
(36 6-Hour Samples)



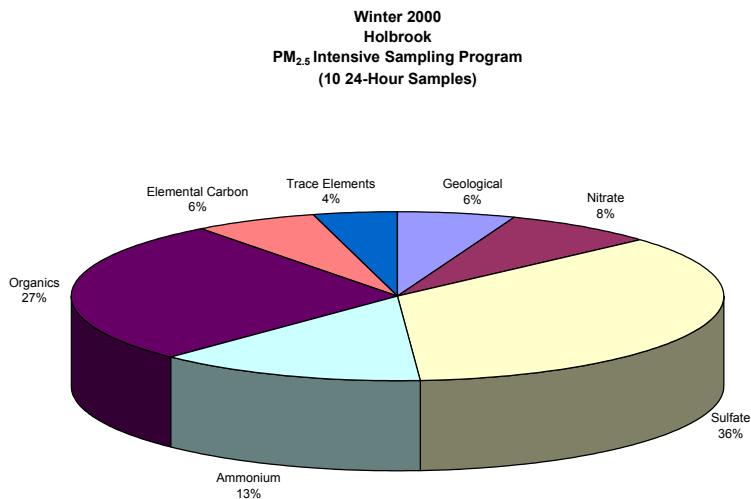
**FIGURE 7c:  
LAWRENCEVILLE  
PM<sub>2.5</sub>/PM<sub>10</sub> COMPARISON  
1999**

Winter 1999  
Lawrenceville  
(PM<sub>10</sub>) Intensive Sampling Program  
(36 6-Hour Samples)

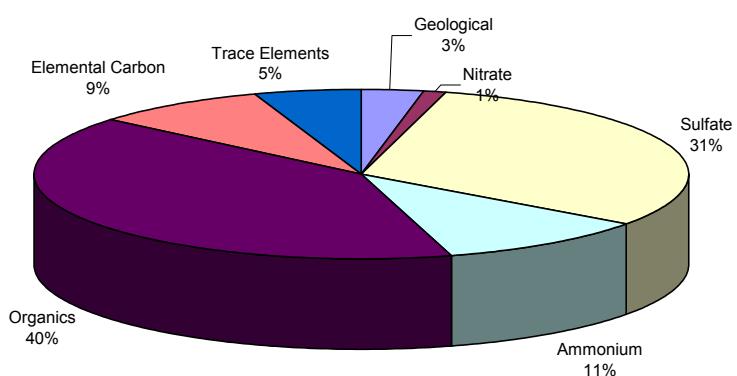




**FIGURE 7d:**  
**LAWRENCEVILLE/HOLBROOK**  
**WINTER COMPARISON**  
**2000**

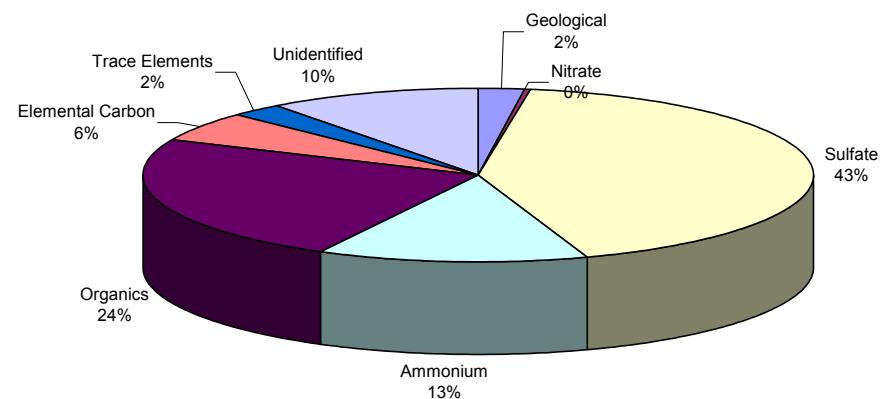


Summer 2000  
Lawrenceville  
**PM<sub>2.5</sub> Intensive Sampling Program**  
(55 24-Hour samples)

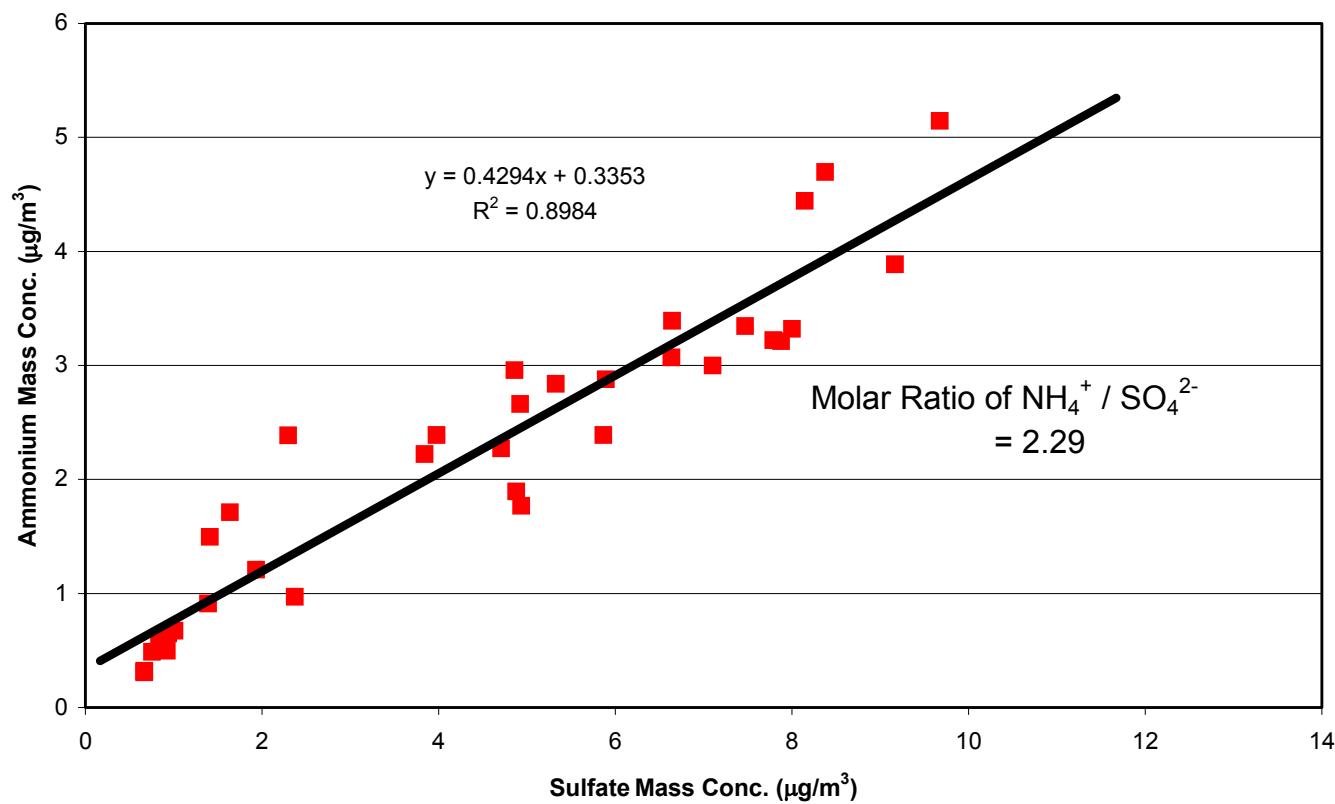


**FIGURE 7e:**  
**LAWRENCEVILLE/HOLBROOK**  
**SUMMER COMPARISON**  
**2000**

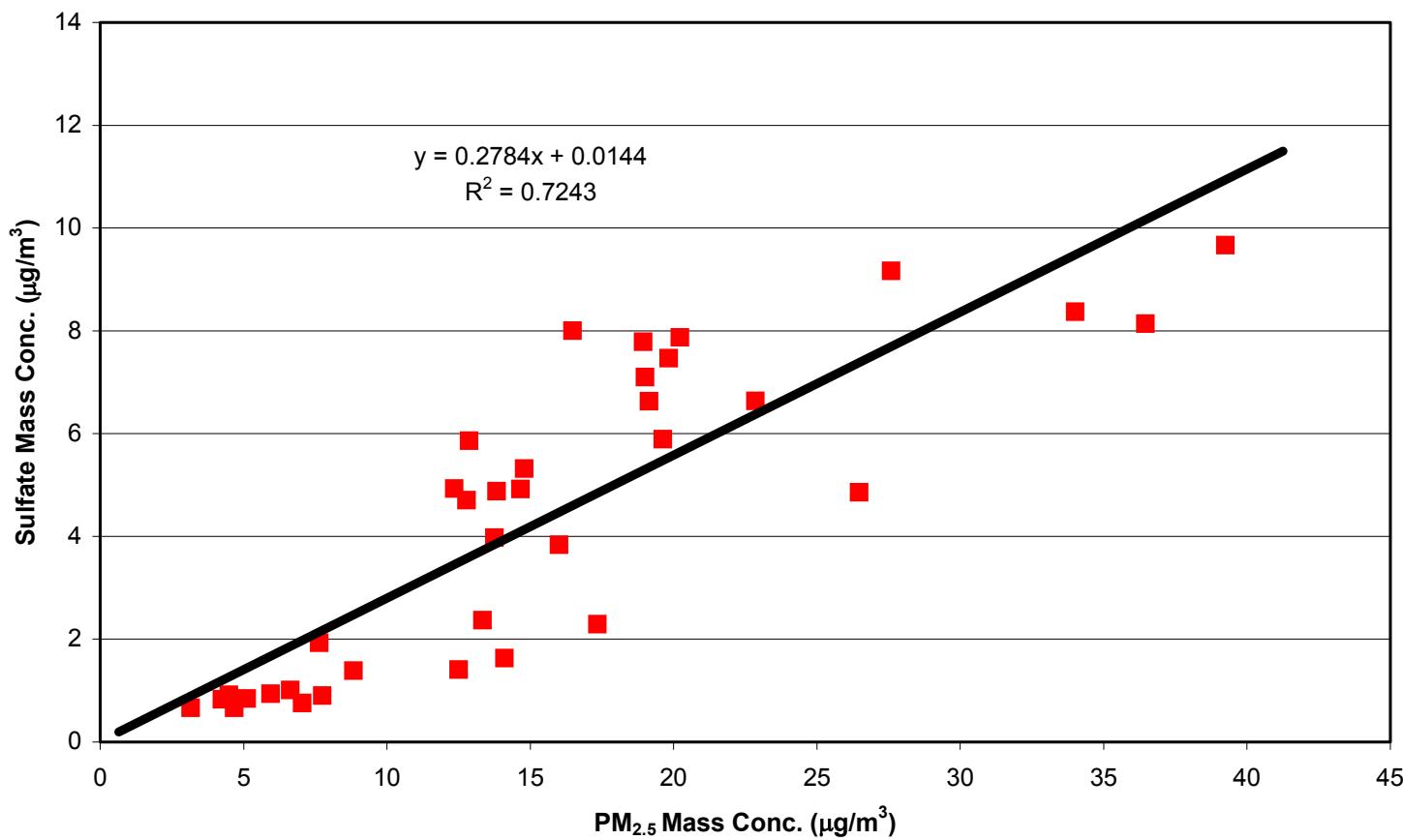
Summer 2000  
Holbrook  
**PM<sub>2.5</sub> Intensive Sampling Program**  
(14 24-Hour Samples)



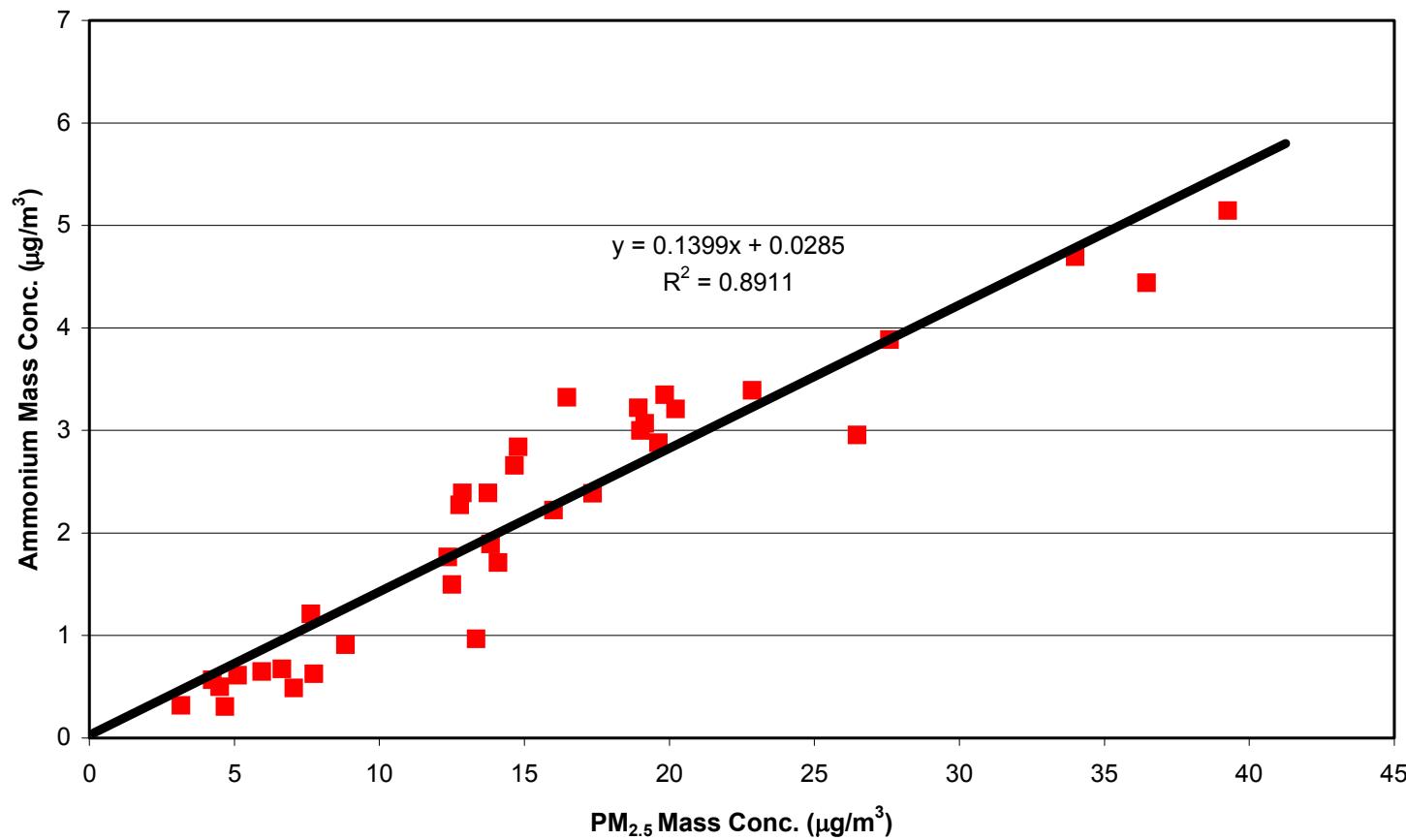
**FIGURE 8a:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



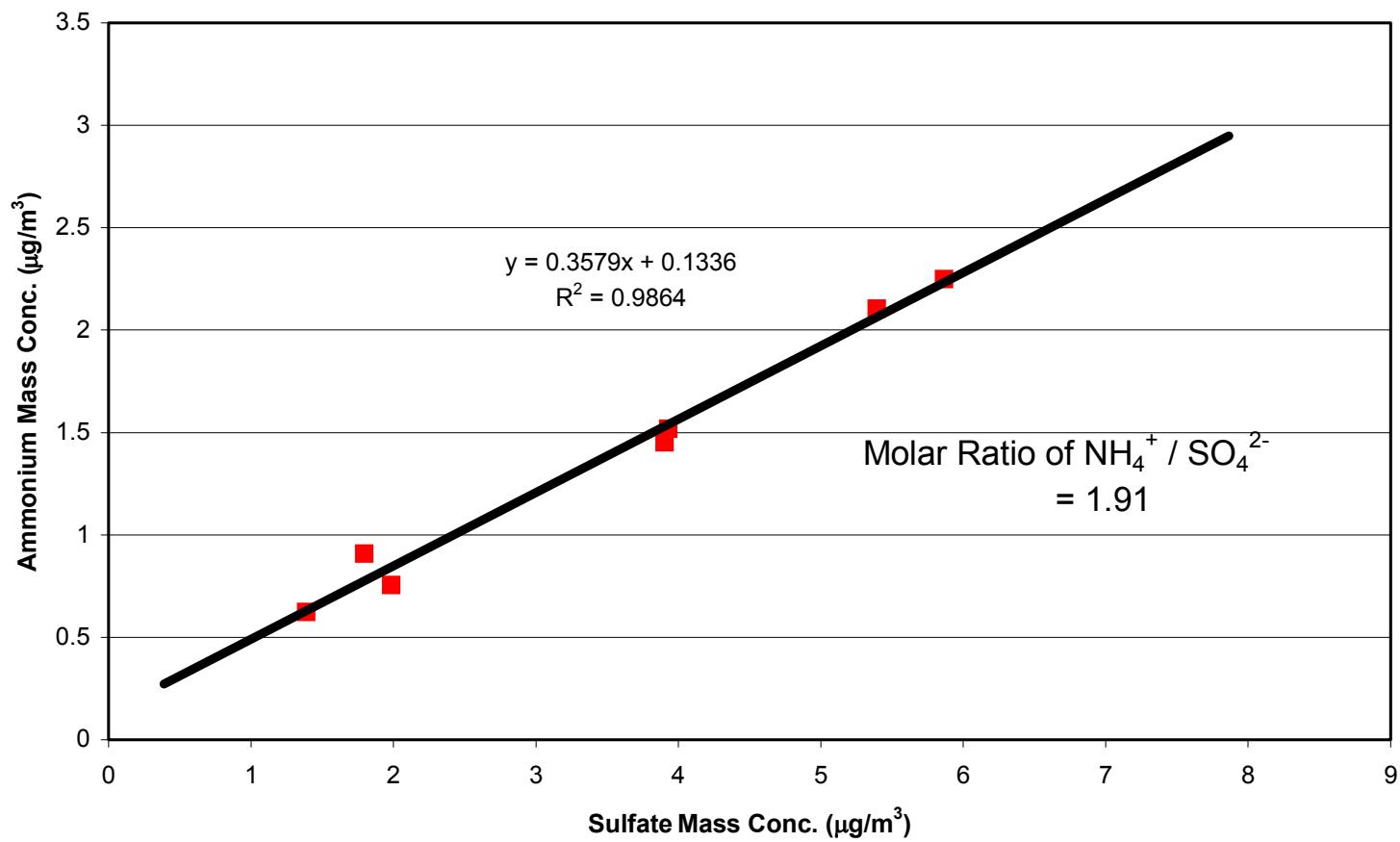
**FIGURE 8b:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



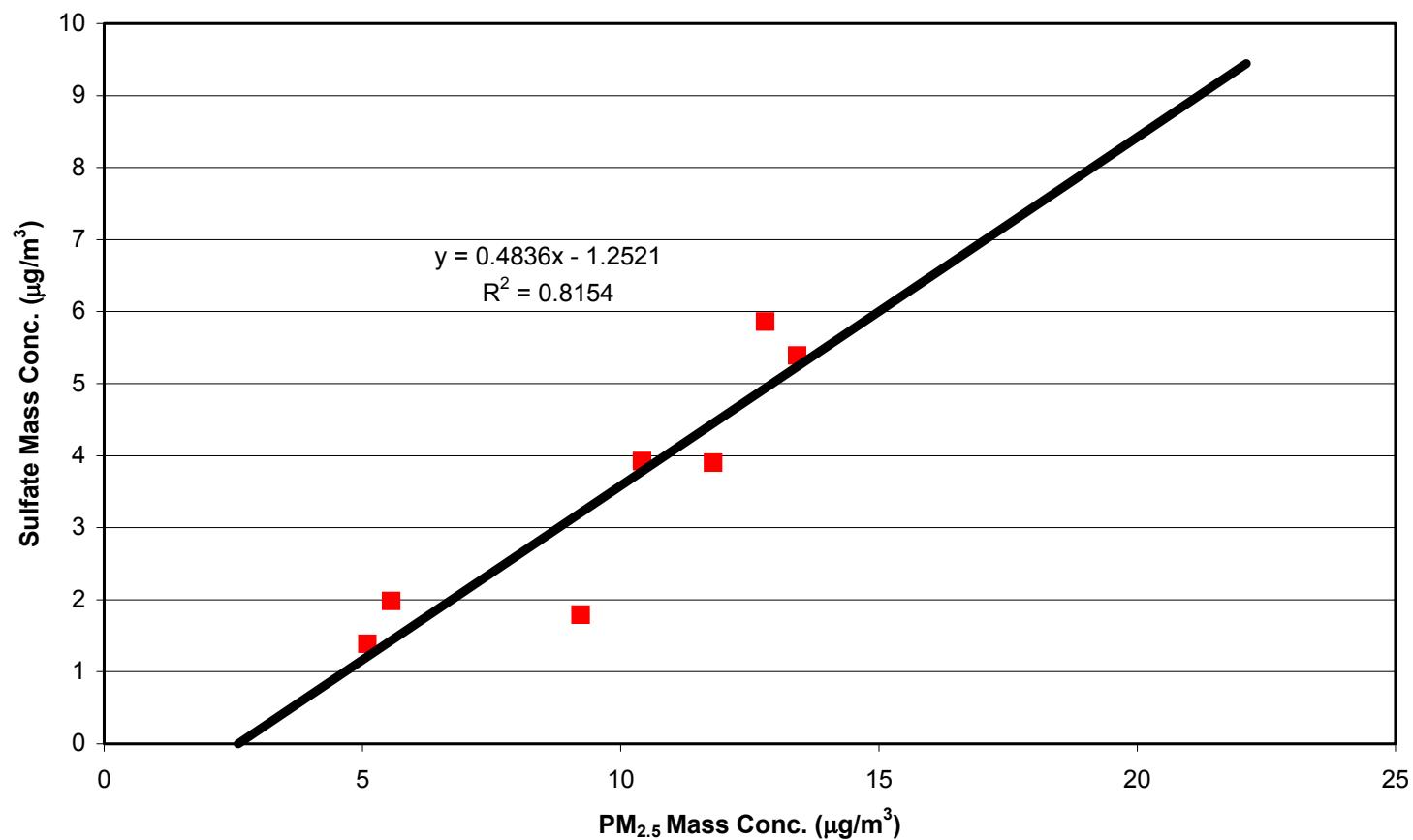
**FIGURE 8c:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



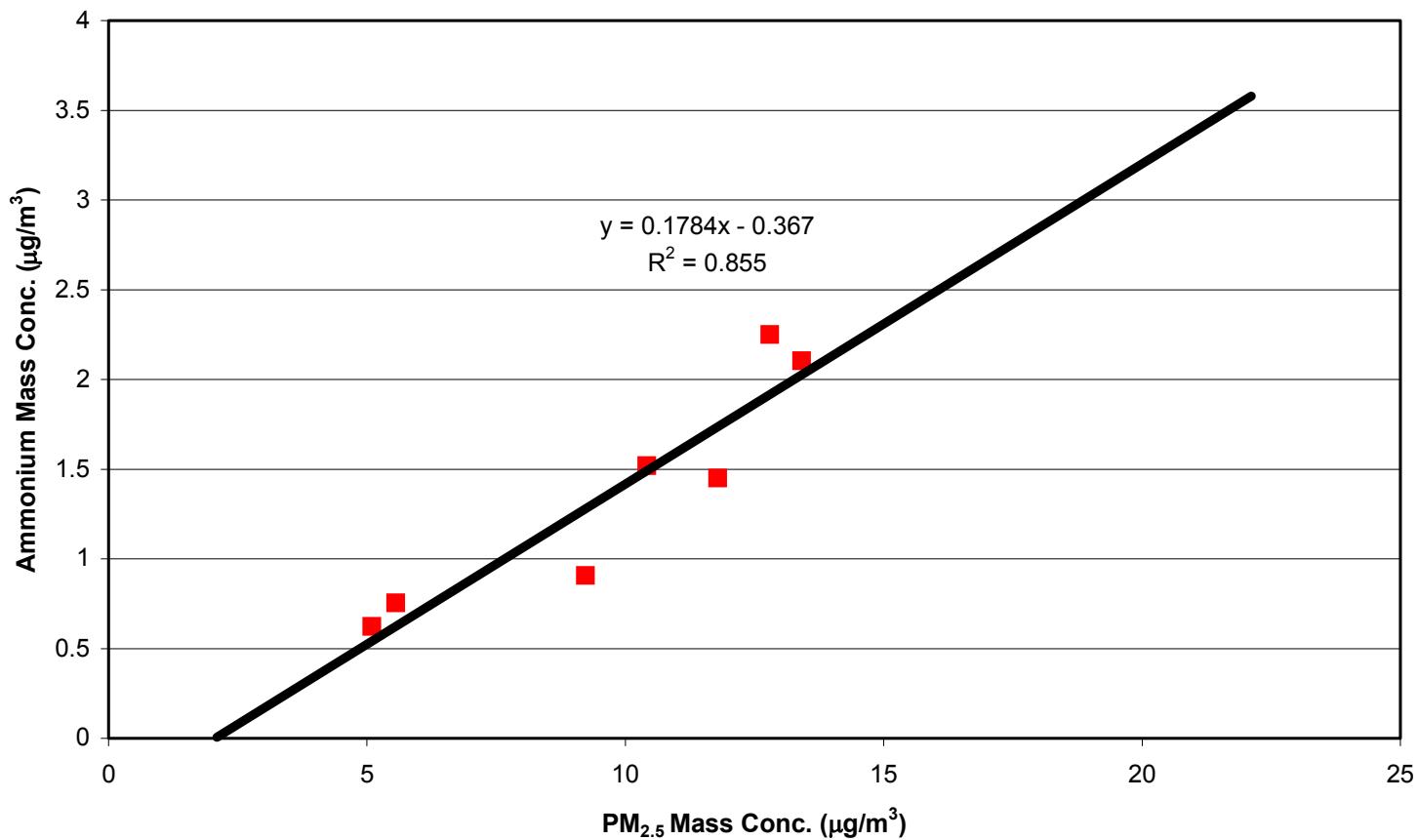
**FIGURE 9a:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



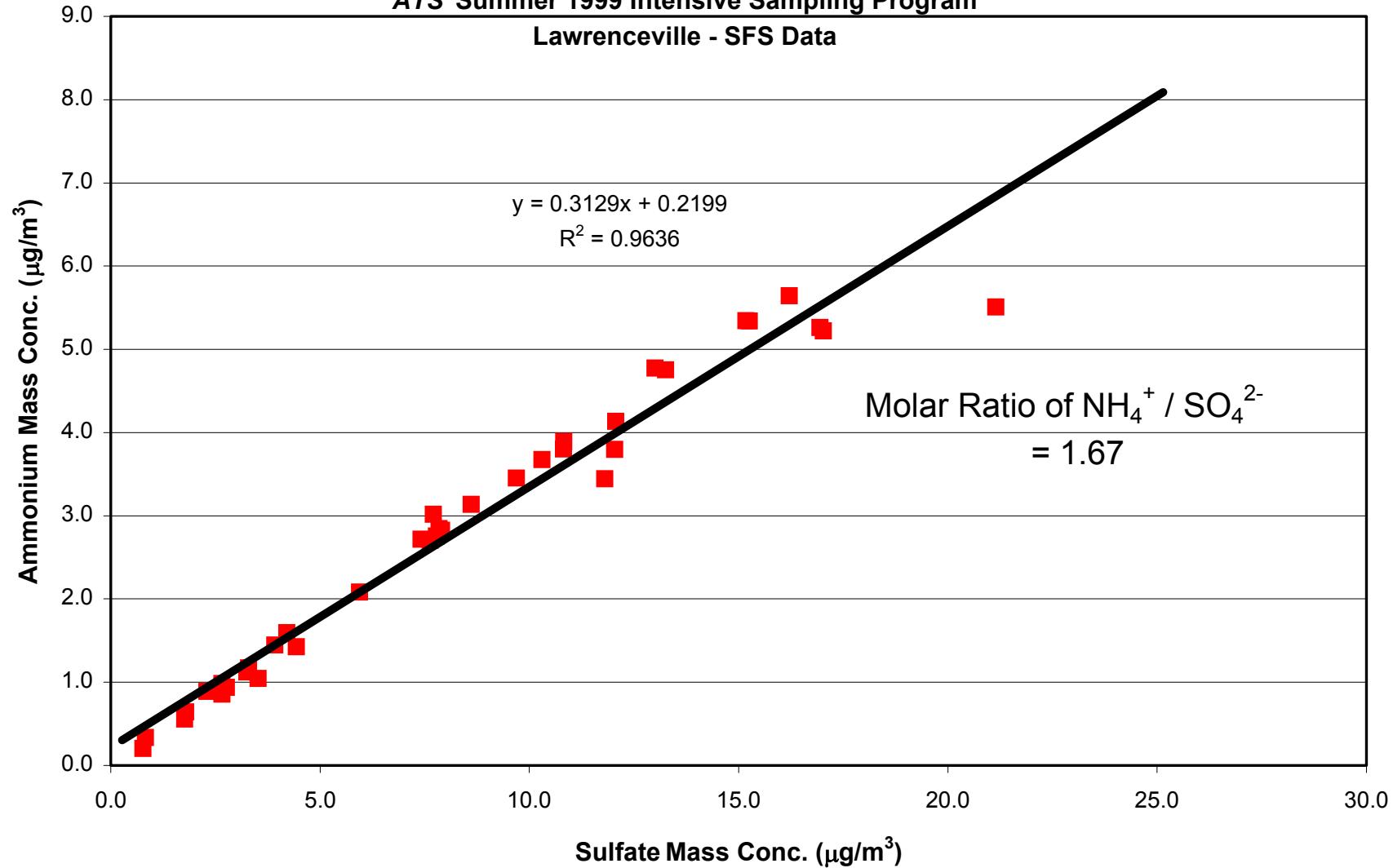
**FIGURE 9b:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



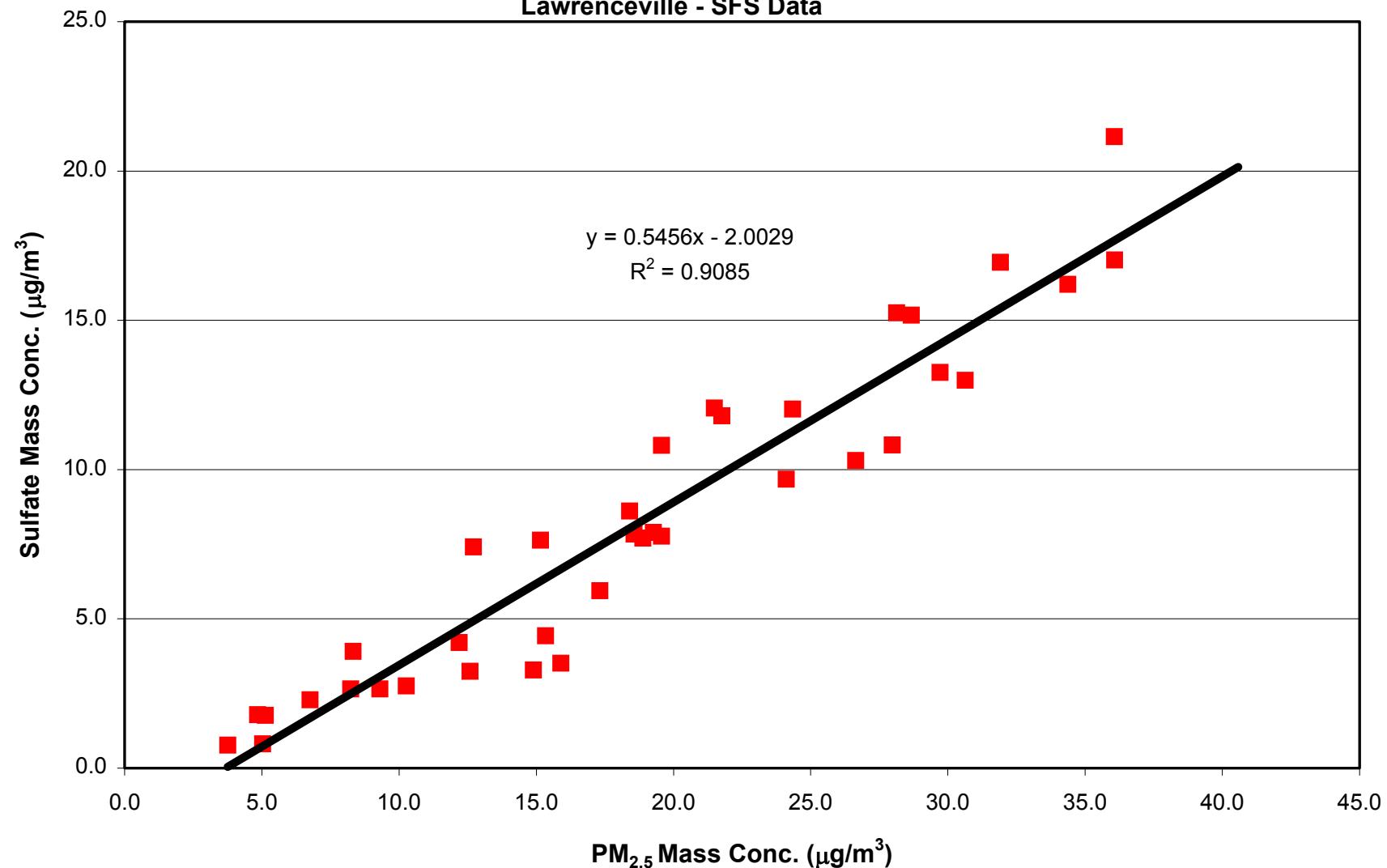
**FIGURE 9c:**  
**ATS Winter 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



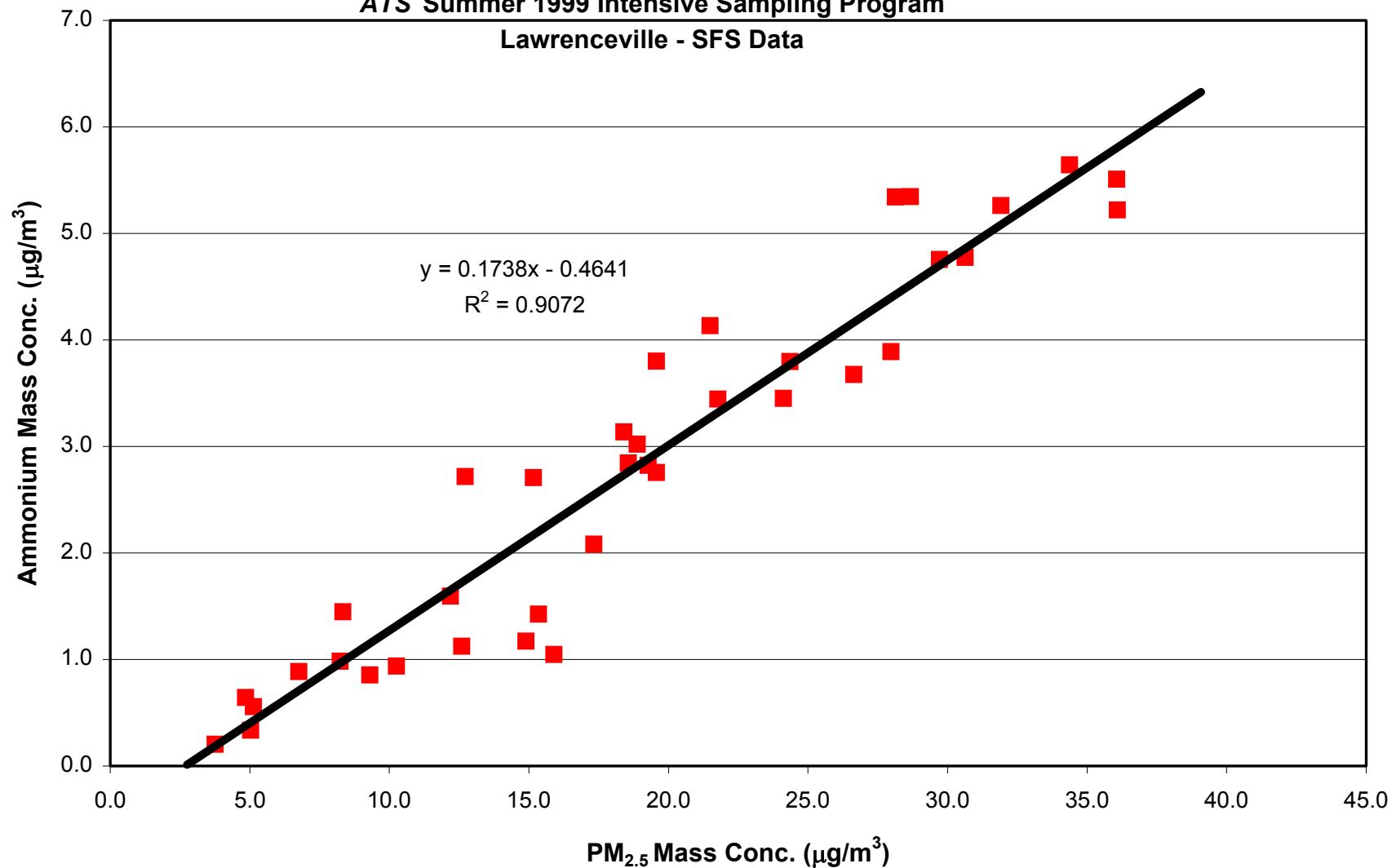
**FIGURE 10a:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



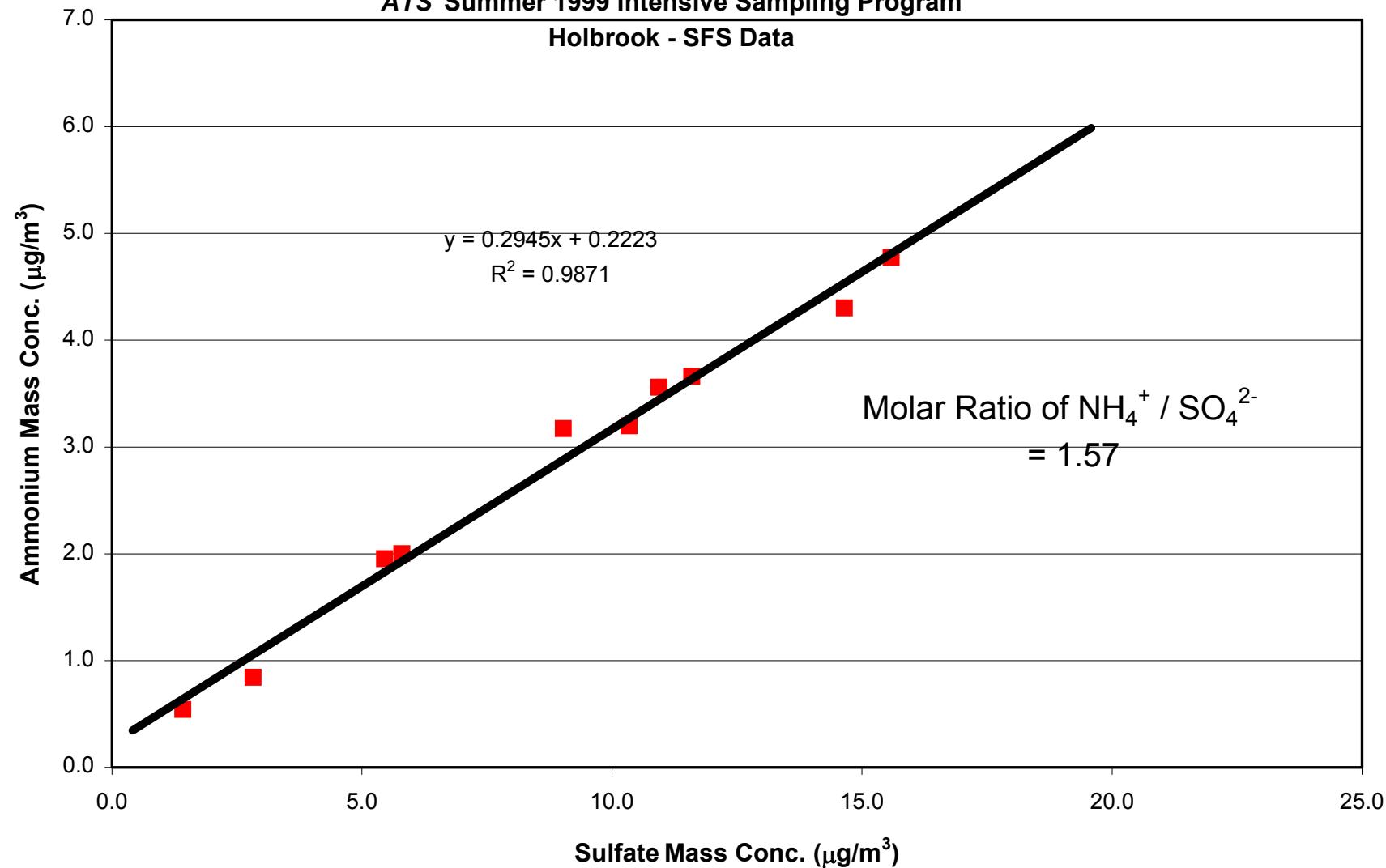
**FIGURE 10b:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



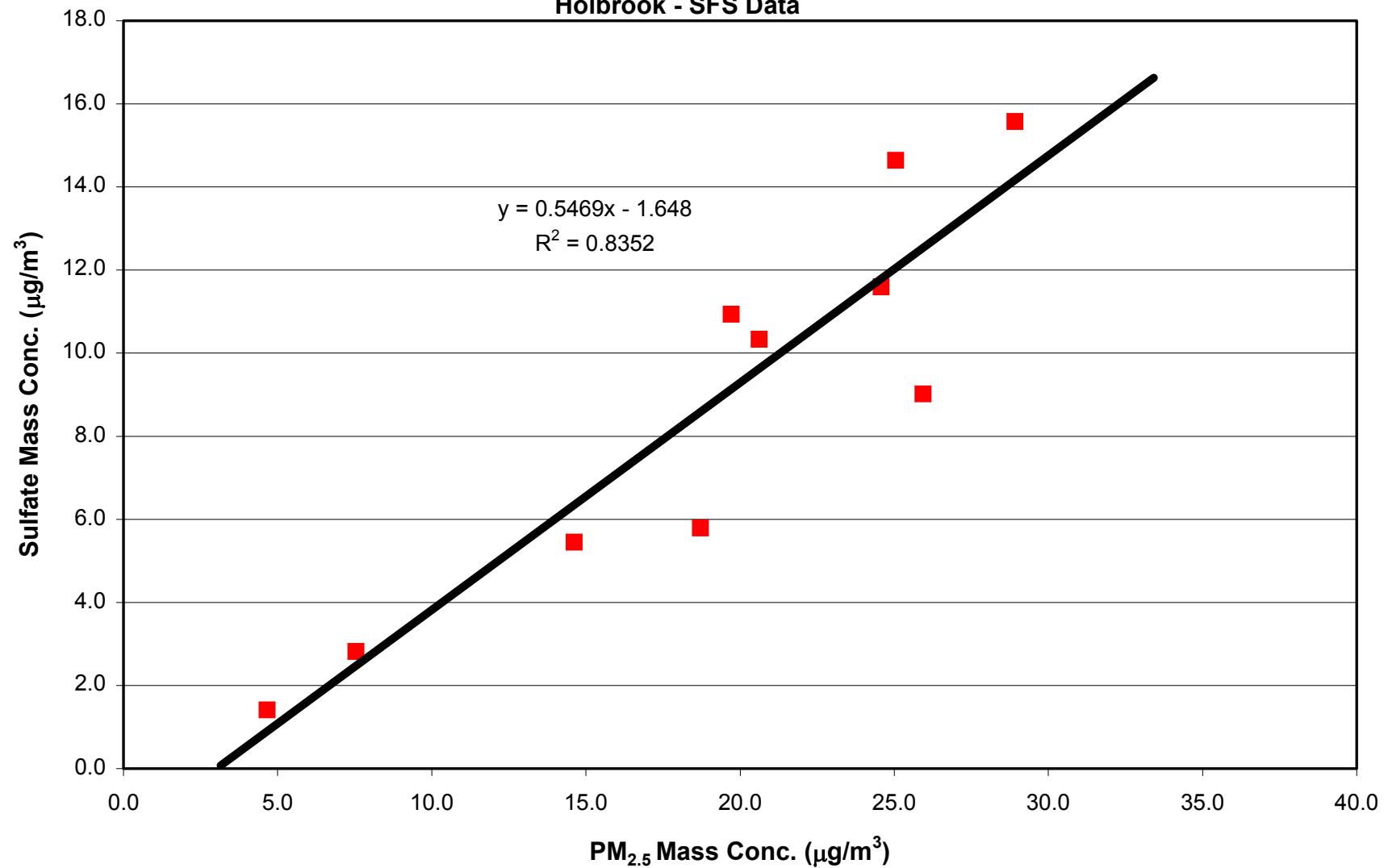
**FIGURE 10c:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Lawrenceville - SFS Data**



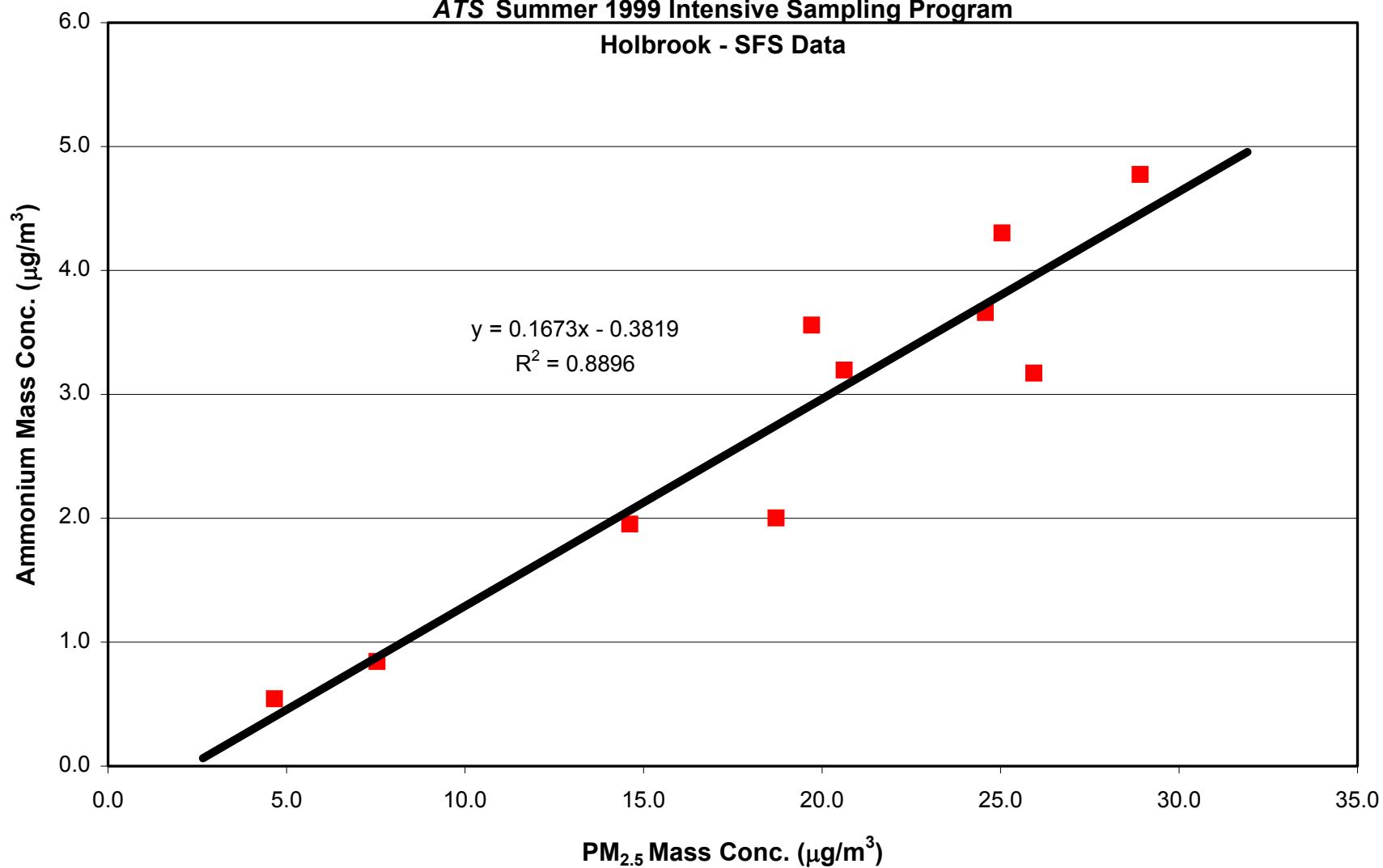
**FIGURE 11a:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



**FIGURE 11b:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



**FIGURE 11c:**  
**ATS Summer 1999 Intensive Sampling Program**  
**Holbrook - SFS Data**



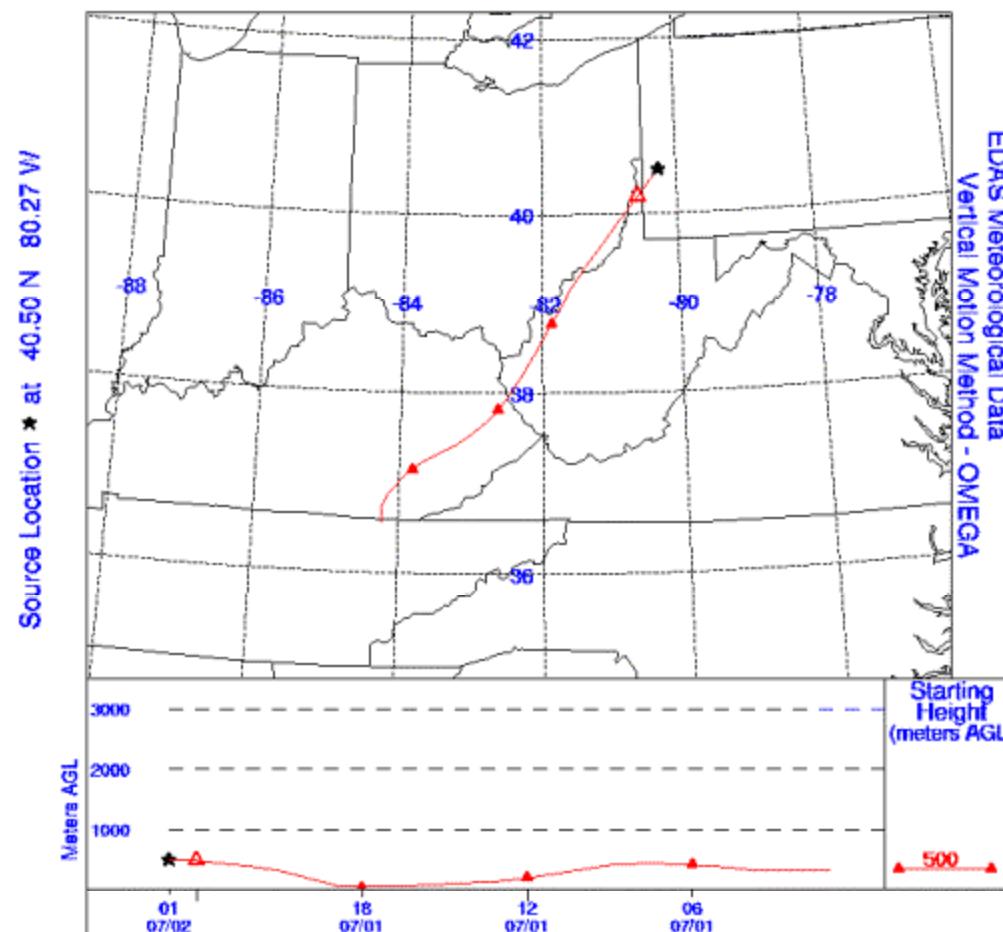


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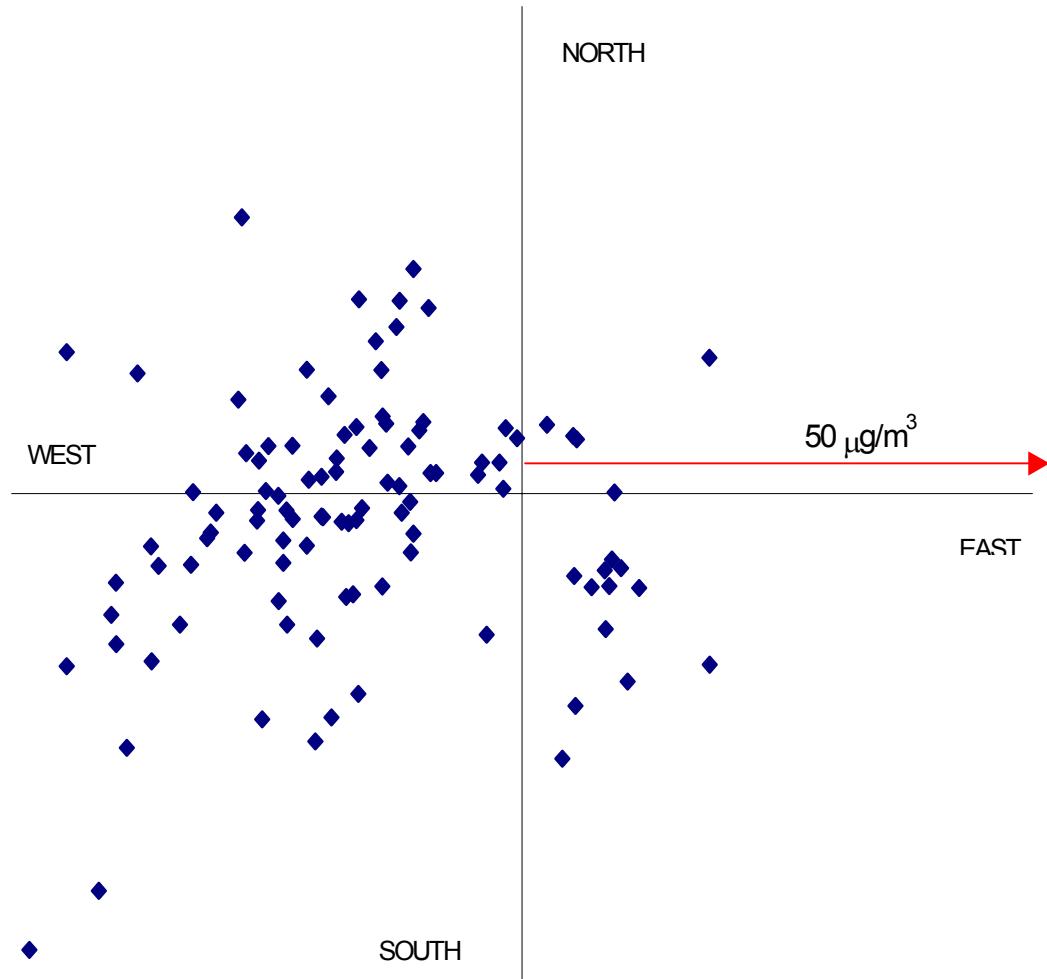
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Backward Trajectory Ending- 01 UTC 02 JUL 99

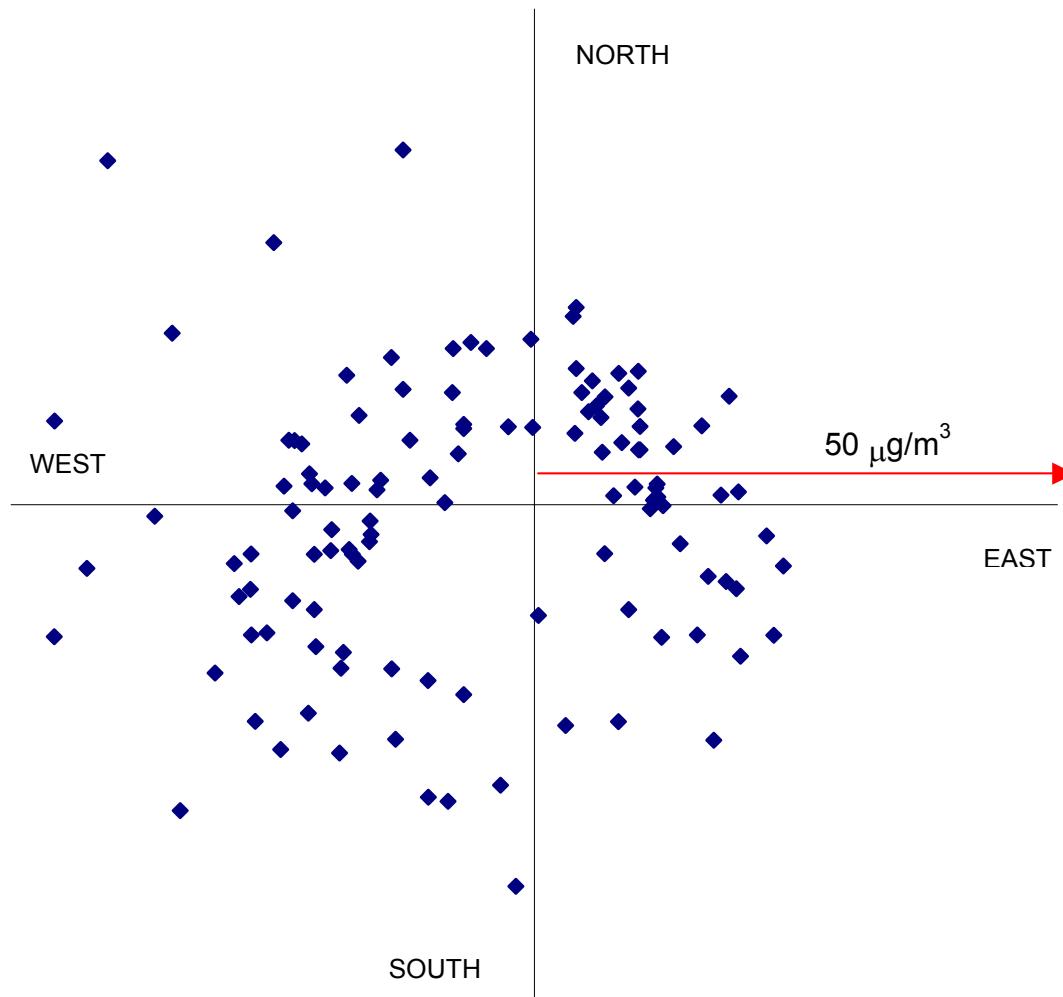


**FIGURE 12:** Results from typical wind trajectory calculation

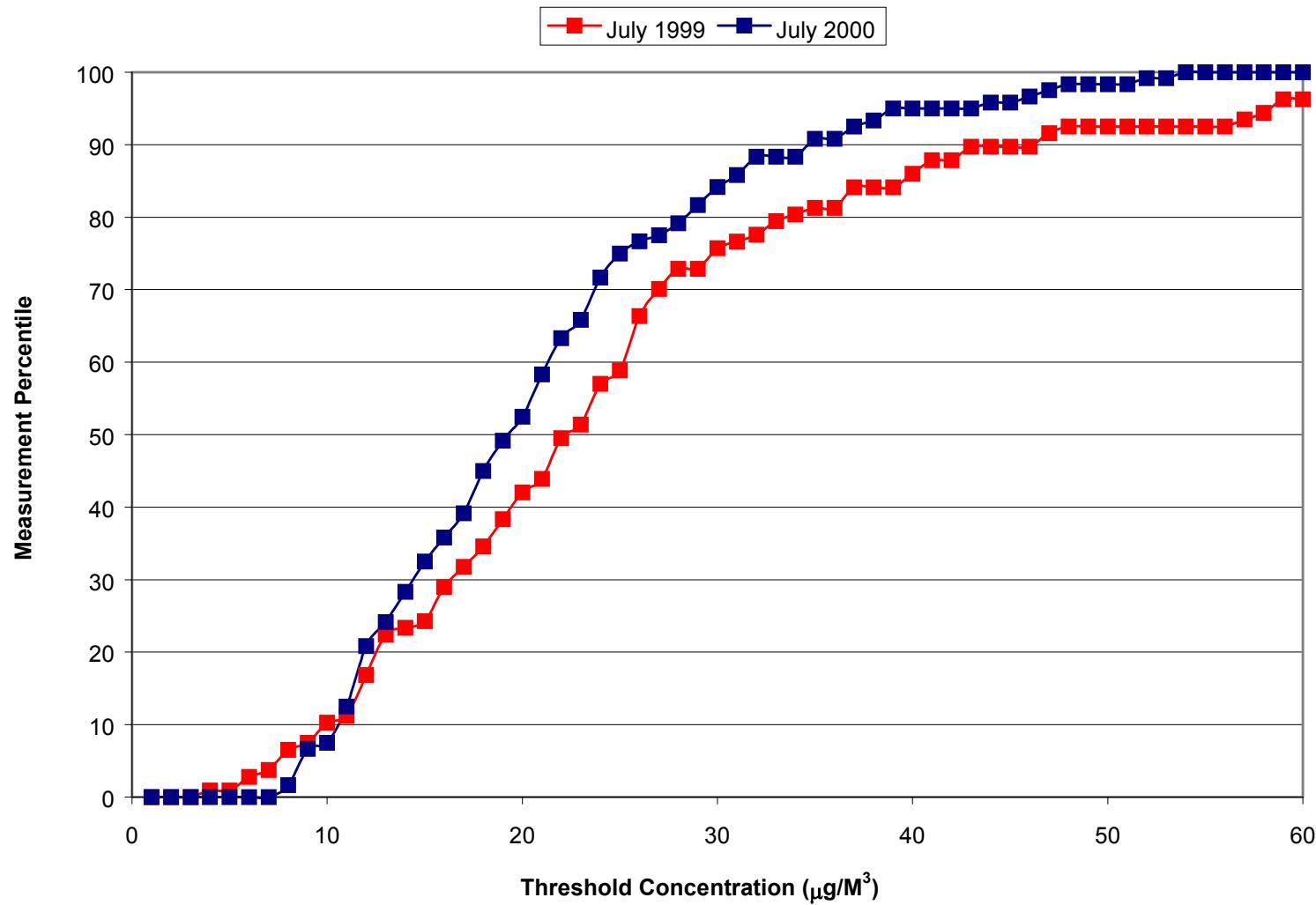
**FIGURE 13a:**  
**PM<sub>2.5</sub> Lawrenceville - July 1999**  
**Polar Coordinate Plot**  
**TEOM Conc. (r) vs. Wind Direction ( $\theta$ )**



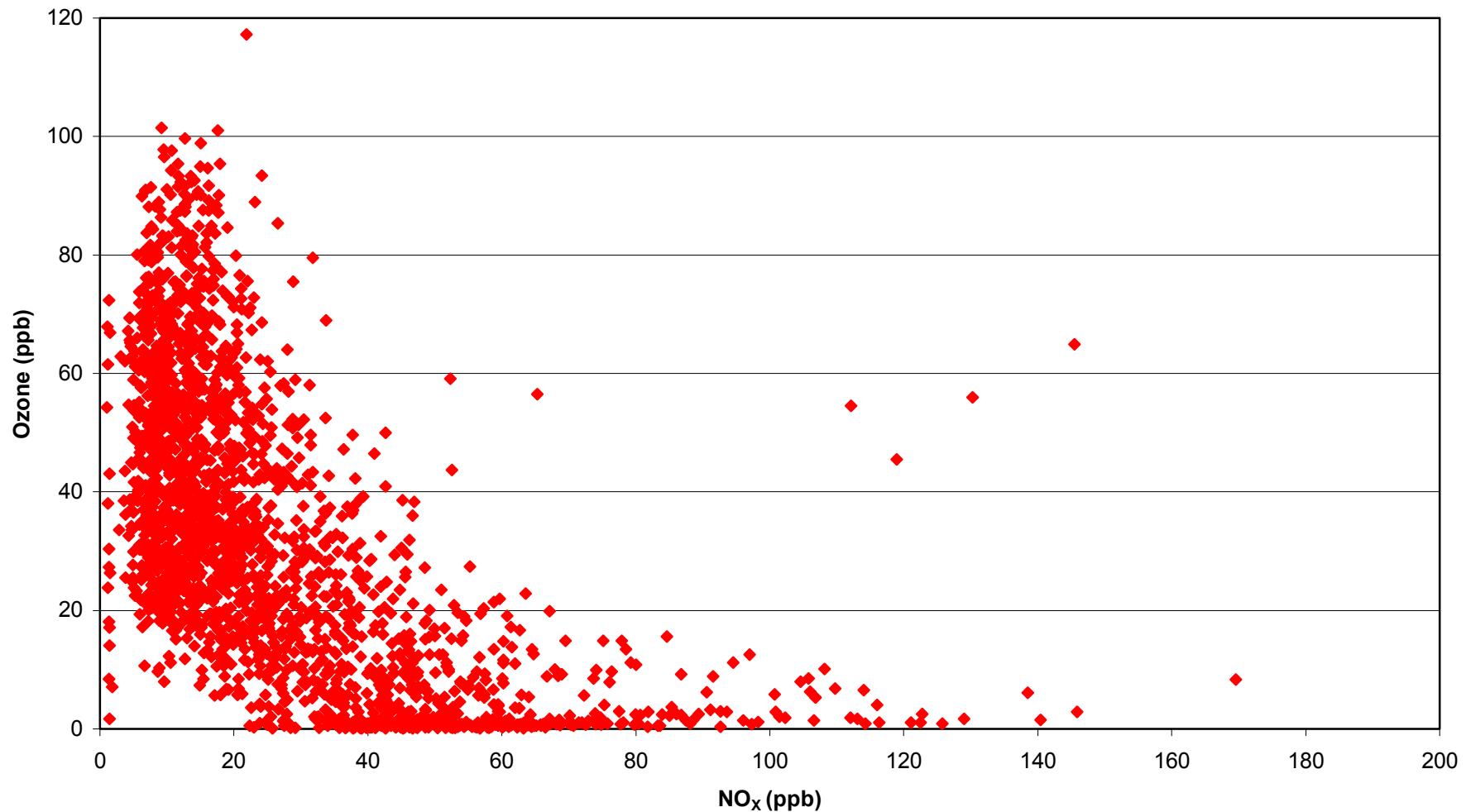
**FIGURE 13b:**  
**PM<sub>2.5</sub> Lawrenceville - July 2000**  
**Polar Coordinate Plot**  
**TEOM Conc. (r) vs. Wind Direction ( $\theta$ )**



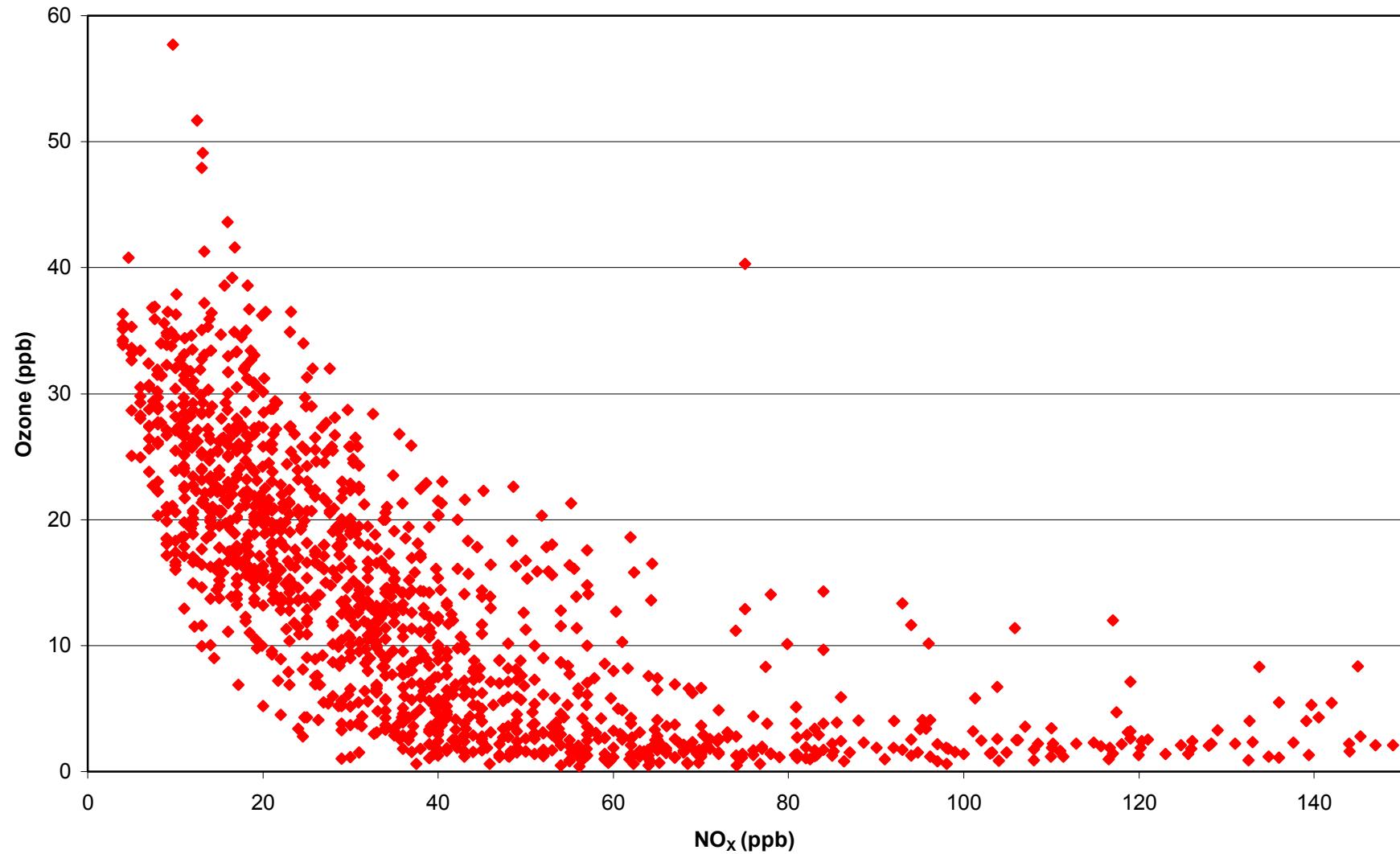
**FIGURE 13c:**  
**July 1999 & July 2000**  
**Lawrenceville PM<sub>2.5</sub> 6-Hour Average TEOM Data Distribution**



**FIGURE 14a:**  
**Ozone vs. NO<sub>x</sub> Concentrations**  
**Lawrenceville June-August 2001**



**FIGURE 14b:**  
**Ozone vs. NO<sub>x</sub> Lawrenceville January-February 2000**



## **Appendix A**

List of Filter-Based Samples That Have Been Weighed in Order to  
Determine Mass Concentration of Ambient Fine Particulate Matter  
as of September 2002

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	02/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/19/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/22/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/25/99	2.5	SFS	BLANK	0	-
HB	02/25/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/28/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/01/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/07/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/13/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/19/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/25/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/31/99	2.5	SFS	BLANK	0	-
HB	03/31/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/30/99	2.5	SFS	BLANK	0	-
HB	04/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/30/99	2.5	SFS	BLANK	0	-
HB	05/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/29/99	2.5	SFS	BLANK	0	-
HB	06/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/17/99	2.5	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	07/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/29/99	2.5	SFS	BLANK	0	-
HB	07/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/03/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/04/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/07/99	2.5	SFS	BLANK	0	-
HB	08/07/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/10/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/13/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/16/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/19/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/22/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/24/99	2.5	SFS	BLANK	0	-
HB	08/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/25/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/27/99	2.5	SFS	BLANK	0	-
HB	08/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/28/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/31/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/01/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/03/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/04/99	2.5	SFS	BLANK	0	-
HB	09/04/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/05/99	2.5	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	09/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/07/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/10/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/24/99	2.5	SFS	BLANK	0	-
HB	09/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/03/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/27/99	2.5	SFS	BLANK	0	-
HB	10/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/23/99	2.5	SFS	BLANK	0	-
HB	11/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/26/99	2.5	SFS	BLANK	0	-
HB	12/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/16/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/17/00	2.5	SFS	BLANK	0	-
HB	01/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/21/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	01/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/25/00	2.5	SFS	BLANK	0	-
HB	01/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/04/00	2.5	SFS	BLANK	0	-
HB	02/04/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/10/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/14/00	2.5	SFS	BLANK	0	-
HB	02/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/16/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/22/00	2.5	SFS	BLANK	0	-
HB	02/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/21/00	2.5	SFS	BLANK	0	-
HB	03/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/06/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	04/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/30/00	2.5	SFS	BLANK	0	-
HB	04/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/30/00	2.5	SFS	BLANK	0	-
HB	05/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/29/00	2.5	SFS	BLANK	0	-
HB	06/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/27/00	2.5	SFS	BLANK	0	-
HB	07/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/04/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/07/00	2.5	SFS	BLANK	0	-

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/10/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/16/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/18/00	2.5	SFS	BLANK	0	-
HB	08/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/27/00	2.5	SFS	BLANK	0	-
HB	09/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	10/27/00	2.5	SFS	BLANK	0	-
HB	10/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	11/26/00	2.5	SFS	BLANK	0	-
HB	11/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/02/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	12/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	12/26/00	2.5	SFS	BLANK	0	-
HB	12/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/31/01	2.5	SFS	BLANK	0	-
HB	01/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/24/01	2.5	SFS	BLANK	0	-
HB	02/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/14/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/20/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/26/01	2.5	SFS	BLANK	0	-
HB	03/26/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/25/01	2.5	SFS	BLANK	0	-
HB	04/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/31/01	2.5	SFS	BLANK	0	-
HB	05/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/30/01	2.5	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	06/30/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/03/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/04/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/05/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/09/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/10/01	2.5	SFS	BLANK	0	-
HB	07/10/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/11/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/14/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/15/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/16/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/17/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/20/01	2.5	SFS	BLANK	0	-
HB	07/20/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/21/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/22/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/23/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/26/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/27/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/28/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/29/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/30/01	2.5	SFS	BLANK	0	-
HB	07/30/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/03/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/04/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/05/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/06/01	2.5	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/08/01	2.5	SFS	BLANK	0	-
HB	08/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/17/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/25/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/01/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/07/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/13/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/19/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/25/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/31/99	2.5	FRM	BLANK	0	-
HB	03/31/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/06/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/12/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/18/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/24/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/30/99	2.5	FRM	BLANK	0	-
HB	04/30/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/06/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/12/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/18/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/24/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/30/99	2.5	FRM	BLANK	0	-
HB	05/30/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/05/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/11/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/17/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/23/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/29/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/29/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/15/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/21/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/27/99	2.5	FRM	BLANK	0	-
HB	10/27/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/02/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/08/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/14/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/20/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/23/99	2.5	FRM	BLANK	0	-
HB	11/26/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/02/99	2.5	FRM	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	12/08/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/14/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/20/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/26/99	2.5	FRM	BLANK	0	-
HB	12/26/99	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/01/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/07/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/19/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/25/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/31/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/04/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/18/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/24/00	2.5	FRM	BLANK	0	-
HB	02/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/01/00	2.5	FRM	BLANK	0	-
HB	03/07/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/13/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/19/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/21/00	2.5	FRM	BLANK	0	-
HB	03/25/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/31/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/18/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/30/00	2.5	FRM	BLANK	0	-
HB	04/30/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/18/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/30/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/05/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/11/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/17/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/23/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/29/00	2.5	FRM	BLANK	0	-
HB	06/29/00	2.5	FRM	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	07/05/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/11/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/17/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/23/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/29/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/04/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/10/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/16/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/22/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/28/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	09/03/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	09/09/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	09/15/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	09/21/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	09/27/00	2.5	FRM	BLANK	0	-
HB	09/27/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/03/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/09/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/15/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/21/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	10/27/00	2.5	FRM	BLANK	0	-
HB	10/27/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/02/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/08/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/14/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/20/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	11/26/00	2.5	FRM	BLANK	0	-
HB	11/26/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/02/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/08/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/14/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/20/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	12/26/00	2.5	FRM	BLANK	0	-
HB	12/26/00	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	01/31/01	2.5	FRM	BLANK	0	-
HB	01/31/01	2.5	FRM	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	02/06/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/24/01	2.5	FRM	BLANK	0	-
HB	02/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/20/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	03/26/01	2.5	FRM	BLANK	0	-
HB	03/26/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	04/25/01	2.5	FRM	BLANK	0	-
HB	04/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	05/31/01	2.5	FRM	BLANK	0	-
HB	05/31/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/06/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	06/30/01	2.5	FRM	BLANK	0	-
HB	06/30/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/06/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	07/30/01	2.5	FRM	BLANK	0	-
HB	07/30/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	08/05/01	2.5	FRM	SAMPLE	24	0000 - 2400
HB	02/17/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/18/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/19/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/20/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/21/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/22/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/23/99	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	02/24/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/25/99	10	SFS	BLANK	0	-
HB	02/25/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/26/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/27/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/28/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/01/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/07/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/13/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/19/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/25/99	10	SFS	SAMPLE	24	0000 - 2400
HB	03/31/99	10	SFS	BLANK	0	-
HB	03/31/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/06/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/12/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/18/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/24/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/30/99	10	SFS	BLANK	0	-
HB	04/30/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/06/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/12/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/18/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/24/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/30/99	10	SFS	BLANK	0	-
HB	05/30/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/05/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/11/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/17/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/23/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/29/99	10	SFS	BLANK	0	-
HB	06/29/99	10	SFS	SAMPLE	24	0000 - 2400
HB	07/05/99	10	SFS	SAMPLE	24	0000 - 2400
HB	07/11/99	10	SFS	SAMPLE	24	0000 - 2400
HB	07/17/99	10	SFS	SAMPLE	24	0000 - 2400
HB	07/23/99	10	SFS	SAMPLE	24	0000 - 2400
HB	07/29/99	10	SFS	BLANK	0	-
HB	07/29/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/03/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/04/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/05/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/06/99	10	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/07/99	10	SFS	BLANK	0	-
HB	08/07/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/08/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/09/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/10/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/11/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/12/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/13/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/14/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/15/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/16/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/17/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/18/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/19/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/20/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/21/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/22/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/23/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/24/99	10	SFS	BLANK	0	-
HB	08/24/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/25/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/26/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/27/99	10	SFS	BLANK	0	-
HB	08/27/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/28/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/29/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/30/99	10	SFS	SAMPLE	24	0000 - 2400
HB	08/31/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/01/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/02/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/03/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/04/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/05/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/06/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/07/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/08/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/09/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/10/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/11/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/12/99	10	SFS	BLANK	0	-
HB	09/15/99	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	09/21/99	10	SFS	SAMPLE	24	0000 - 2400
HB	09/27/99	10	SFS	BLANK	0	-
HB	09/27/99	10	SFS	SAMPLE	24	0000 - 2400
HB	10/03/99	10	SFS	SAMPLE	24	0000 - 2400
HB	10/09/99	10	SFS	SAMPLE	24	0000 - 2400
HB	10/15/99	10	SFS	SAMPLE	24	0000 - 2400
HB	10/27/99	10	SFS	BLANK	0	-
HB	10/27/99	10	SFS	SAMPLE	24	0000 - 2400
HB	11/02/99	10	SFS	SAMPLE	24	0000 - 2400
HB	11/08/99	10	SFS	SAMPLE	24	0000 - 2400
HB	11/14/99	10	SFS	SAMPLE	24	0000 - 2400
HB	11/20/99	10	SFS	SAMPLE	24	0000 - 2400
HB	11/26/99	10	SFS	BLANK	0	-
HB	11/26/99	10	SFS	SAMPLE	24	0000 - 2400
HB	12/02/99	10	SFS	SAMPLE	24	0000 - 2400
HB	12/08/99	10	SFS	SAMPLE	24	0000 - 2400
HB	12/14/99	10	SFS	SAMPLE	24	0000 - 2400
HB	12/20/99	10	SFS	SAMPLE	24	0000 - 2400
HB	12/26/99	10	SFS	BLANK	0	-
HB	12/26/99	10	SFS	SAMPLE	24	0000 - 2400
HB	01/01/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/07/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/12/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/13/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/14/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/15/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/16/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/17/00	10	SFS	BLANK	0	-
HB	01/17/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/19/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/20/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/21/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/22/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/23/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/24/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/25/00	10	SFS	BLANK	0	-
HB	01/25/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/26/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/27/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/28/00	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	01/29/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/30/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/31/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/01/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/02/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/03/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/04/00	10	SFS	BLANK	0	-
HB	02/04/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/05/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/06/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/07/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/08/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/09/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/10/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/11/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/12/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/13/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/14/00	10	SFS	BLANK	0	-
HB	02/14/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/15/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/16/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/17/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	02/22/00	10	SFS	BLANK	0	-
HB	02/24/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/01/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/08/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/13/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/19/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/21/00	10	SFS	BLANK	0	-
HB	03/25/00	10	SFS	SAMPLE	24	0000 - 2400
HB	03/31/00	10	SFS	SAMPLE	24	0000 - 2400
HB	04/06/00	10	SFS	SAMPLE	24	0000 - 2400
HB	04/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	04/24/00	10	SFS	SAMPLE	24	0000 - 2400
HB	04/30/00	10	SFS	BLANK	0	-
HB	04/30/00	10	SFS	SAMPLE	24	0000 - 2400
HB	05/06/00	10	SFS	SAMPLE	24	0000 - 2400
HB	05/12/00	10	SFS	SAMPLE	24	0000 - 2400
HB	05/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	05/24/00	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	05/30/00	10	SFS	BLANK	0	-
HB	05/30/00	10	SFS	SAMPLE	24	0000 - 2400
HB	06/05/00	10	SFS	SAMPLE	24	0000 - 2400
HB	06/17/00	10	SFS	SAMPLE	24	0000 - 2400
HB	06/23/00	10	SFS	SAMPLE	24	0000 - 2400
HB	06/29/00	10	SFS	BLANK	0	-
HB	06/29/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/05/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/11/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/17/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/19/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/20/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/21/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/22/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/23/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/24/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/25/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/26/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/27/00	10	SFS	BLANK	0	-
HB	07/27/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/28/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/29/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/30/00	10	SFS	SAMPLE	24	0000 - 2400
HB	07/31/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/01/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/02/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/03/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/04/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/05/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/06/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/07/00	10	SFS	BLANK	0	-
HB	08/07/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/08/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/09/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/10/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/11/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/12/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/13/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/14/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/15/00	10	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/16/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/17/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/18/00	10	SFS	BLANK	0	-
HB	08/18/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/19/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/20/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/21/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/22/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/23/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/24/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/25/00	10	SFS	SAMPLE	24	0000 - 2400
HB	08/28/00	10	SFS	SAMPLE	24	0000 - 2400
HB	09/03/00	10	SFS	SAMPLE	24	0000 - 2400
HB	09/09/00	10	SFS	SAMPLE	24	0000 - 2400
HB	09/15/00	10	SFS	SAMPLE	24	0000 - 2400
HB	09/21/00	10	SFS	SAMPLE	24	0000 - 2400
HB	09/27/00	10	SFS	BLANK	0	-
HB	09/27/00	10	SFS	SAMPLE	24	0000 - 2400
HB	10/03/00	10	SFS	SAMPLE	24	0000 - 2400
HB	10/09/00	10	SFS	SAMPLE	24	0000 - 2400
HB	10/15/00	10	SFS	SAMPLE	24	0000 - 2400
HB	10/21/00	10	SFS	SAMPLE	24	0000 - 2400
HB	10/27/00	10	SFS	BLANK	0	-
HB	10/27/00	10	SFS	SAMPLE	24	0000 - 2400
HB	11/02/00	10	SFS	SAMPLE	24	0000 - 2400
HB	11/08/00	10	SFS	SAMPLE	24	0000 - 2400
HB	11/14/00	10	SFS	SAMPLE	24	0000 - 2400
HB	11/20/00	10	SFS	SAMPLE	24	0000 - 2400
HB	11/26/00	10	SFS	BLANK	0	-
HB	11/26/00	10	SFS	SAMPLE	24	0000 - 2400
HB	12/02/00	10	SFS	SAMPLE	24	0000 - 2400
HB	12/08/00	10	SFS	SAMPLE	24	0000 - 2400
HB	12/14/00	10	SFS	SAMPLE	24	0000 - 2400
HB	12/20/00	10	SFS	SAMPLE	24	0000 - 2400
HB	12/26/00	10	SFS	BLANK	0	-
HB	12/26/00	10	SFS	SAMPLE	24	0000 - 2400
HB	01/01/01	10	SFS	SAMPLE	24	0000 - 2400
HB	01/07/01	10	SFS	SAMPLE	24	0000 - 2400
HB	01/13/01	10	SFS	SAMPLE	24	0000 - 2400
HB	01/19/01	10	SFS	SAMPLE	24	0000 - 2400
HB	01/25/01	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	01/31/01	10	SFS	BLANK	0	-
HB	01/31/01	10	SFS	SAMPLE	24	0000 - 2400
HB	02/06/01	10	SFS	SAMPLE	24	0000 - 2400
HB	02/12/01	10	SFS	SAMPLE	24	0000 - 2400
HB	02/18/01	10	SFS	SAMPLE	24	0000 - 2400
HB	02/24/01	10	SFS	BLANK	0	-
HB	02/24/01	10	SFS	SAMPLE	24	0000 - 2400
HB	03/02/01	10	SFS	SAMPLE	24	0000 - 2400
HB	03/08/01	10	SFS	SAMPLE	24	0000 - 2400
HB	03/14/01	10	SFS	SAMPLE	24	0000 - 2400
HB	03/20/01	10	SFS	SAMPLE	24	0000 - 2400
HB	03/26/01	10	SFS	BLANK	0	-
HB	03/26/01	10	SFS	SAMPLE	24	0000 - 2400
HB	04/01/01	10	SFS	SAMPLE	24	0000 - 2400
HB	04/07/01	10	SFS	SAMPLE	24	0000 - 2400
HB	04/13/01	10	SFS	SAMPLE	24	0000 - 2400
HB	04/19/01	10	SFS	SAMPLE	24	0000 - 2400
HB	04/25/01	10	SFS	BLANK	0	-
HB	04/25/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/01/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/07/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/13/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/19/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/25/01	10	SFS	SAMPLE	24	0000 - 2400
HB	05/31/01	10	SFS	BLANK	0	-
HB	05/31/01	10	SFS	SAMPLE	24	0000 - 2400
HB	06/06/01	10	SFS	SAMPLE	24	0000 - 2400
HB	06/12/01	10	SFS	SAMPLE	24	0000 - 2400
HB	06/18/01	10	SFS	SAMPLE	24	0000 - 2400
HB	06/24/01	10	SFS	SAMPLE	24	0000 - 2400
HB	06/30/01	10	SFS	BLANK	0	-
HB	06/30/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/01/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/02/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/03/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/04/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/05/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/06/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/07/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/08/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/09/01	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	07/10/01	10	SFS	BLANK	0	-
HB	07/10/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/11/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/12/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/13/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/14/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/15/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/16/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/17/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/18/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/19/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/20/01	10	SFS	BLANK	0	-
HB	07/20/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/21/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/22/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/23/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/24/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/25/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/26/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/27/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/28/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/29/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/30/01	10	SFS	BLANK	0	-
HB	07/30/01	10	SFS	SAMPLE	24	0000 - 2400
HB	07/31/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/01/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/02/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/03/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/04/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/05/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/06/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/07/01	10	SFS	SAMPLE	24	0000 - 2400
HB	08/08/01	10	SFS	BLANK	0	-
HB	08/08/01	10	SFS	SAMPLE	24	0000 - 2400
LW	02/17/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/17/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/17/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/17/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/18/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/18/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/18/99	2.5	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/18/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/19/99	2.5	SFS	BLANK	0	-
LW	02/19/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/19/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/19/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/19/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/20/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/20/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/20/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/20/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/21/99	2.5	SFS	BLANK	0	-
LW	02/21/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/21/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/21/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/21/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/22/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/22/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/22/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/22/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/23/99	2.5	SFS	BLANK	0	-
LW	02/23/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/23/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/23/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/23/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/24/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/24/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/24/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/24/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/25/99	2.5	SFS	BLANK	0	-
LW	02/25/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/25/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/25/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/25/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/26/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/26/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/26/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/26/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/27/99	2.5	SFS	BLANK	0	-
LW	02/27/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/27/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/27/99	2.5	SFS	SAMPLE	6	1200 - 1800

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/27/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/28/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/28/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/28/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/28/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	03/01/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	03/07/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/13/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/19/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/25/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/31/99	2.5	SFS	BLANK	0	-
LW	03/31/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	SFS	BLANK	0	-
LW	04/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/30/99	2.5	SFS	BLANK	0	-
LW	05/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/29/99	2.5	SFS	BLANK	0	-
LW	06/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/29/99	2.5	SFS	BLANK	0	-
LW	07/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	08/03/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/03/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/03/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/03/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/04/99	2.5	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/04/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/04/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/04/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/04/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/05/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/05/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/05/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/05/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/06/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/06/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/06/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/06/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/07/99	2.5	SFS	BLANK	0	-
LW	08/07/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/07/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/07/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/07/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/08/99	2.5	SFS	BLANK	0	-
LW	08/08/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/08/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/08/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/09/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/09/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/09/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/09/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/10/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/10/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/10/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/10/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/11/99	2.5	SFS	BLANK	0	-
LW	08/11/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/11/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/11/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/11/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/12/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/12/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/12/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/12/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/13/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/13/99	2.5	SFS	SAMPLE	6	0600 - 1200

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/13/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/13/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/14/99	2.5	SFS	BLANK	0	-
LW	08/14/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/14/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/14/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/14/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/15/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/15/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/15/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/15/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/16/99	2.5	SFS	BLANK	0	-
LW	08/16/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/16/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/16/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/16/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/17/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/17/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/17/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/17/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/18/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/18/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/18/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/18/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/19/99	2.5	SFS	BLANK	0	-
LW	08/19/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/19/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/19/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/19/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/20/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/20/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/20/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/20/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/21/99	2.5	SFS	BLANK	0	-
LW	08/21/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/21/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/21/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/21/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/22/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/22/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/22/99	2.5	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/22/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/23/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/23/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/23/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/23/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/24/99	2.5	SFS	BLANK	0	-
LW	08/24/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/24/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/24/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/24/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/25/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/25/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/25/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/25/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/26/99	2.5	SFS	BLANK	0	-
LW	08/26/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/26/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/26/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/26/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/27/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/27/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/27/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/27/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/28/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/28/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/28/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/28/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/29/99	2.5	SFS	BLANK	0	-
LW	08/29/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/29/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/29/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/29/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/30/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/30/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/30/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/30/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/31/99	2.5	SFS	BLANK	0	-
LW	08/31/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/31/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/31/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/31/99	2.5	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	09/01/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/01/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/01/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/01/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/02/99	2.5	SFS	BLANK	0	-
LW	09/02/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/02/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/02/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/02/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/03/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/03/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/03/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/03/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/04/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/04/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/04/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/04/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/05/99	2.5	SFS	BLANK	0	-
LW	09/05/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/05/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/05/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/05/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/06/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/06/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/06/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/06/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/07/99	2.5	SFS	BLANK	0	-
LW	09/07/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/07/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/07/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/07/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/08/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/08/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/08/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/08/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/09/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/09/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/09/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/09/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/10/99	2.5	SFS	BLANK	0	-
LW	09/10/99	2.5	SFS	SAMPLE	6	0000 - 0600

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	09/10/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/10/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/10/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/11/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/11/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/11/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/11/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/24/99	2.5	SFS	BLANK	0	-
LW	09/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/03/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/22/99	2.5	SFS	BLANK	0	-
LW	10/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/22/99	2.5	SFS	BLANK	0	-
LW	11/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/23/99	2.5	SFS	BLANK	0	-
LW	12/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/12/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/12/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/12/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/12/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/13/00	2.5	SFS	BLANK	0	-
LW	01/13/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/13/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/13/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/13/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/14/00	2.5	SFS	SAMPLE	6	0000 - 0600

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	01/14/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/14/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/14/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/15/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/15/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/15/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/15/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/16/00	2.5	SFS	BLANK	0	-
LW	01/16/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/16/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/16/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/16/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/17/00	2.5	SFS	BLANK	0	-
LW	01/17/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/17/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/17/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/17/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/18/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/18/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/18/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/18/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/19/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/19/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/19/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/19/00	2.5	SFS	SAMPLE	5	0600 - 1100
LW	01/19/00	2.5	SFS	SAMPLE	1	1100 - 1200
LW	01/20/00	2.5	SFS	BLANK	0	-
LW	01/20/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/20/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/20/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/21/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/21/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/21/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/21/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/22/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/22/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/22/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/22/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/23/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/23/00	2.5	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	01/23/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/24/00	2.5	SFS	BLANK	0	-
LW	01/24/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/24/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/24/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/24/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/25/00	2.5	SFS	BLANK	0	-
LW	01/25/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/25/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/25/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/25/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/26/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/26/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/26/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/26/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/27/00	2.5	SFS	BLANK	0	-
LW	01/27/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/27/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/27/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/27/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/28/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/28/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/28/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/28/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/29/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/29/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/29/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/29/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/30/00	2.5	SFS	BLANK	0	-
LW	01/30/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/30/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/30/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/30/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/31/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/31/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/31/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/31/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/01/00	2.5	SFS	BLANK	0	-
LW	02/01/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/01/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/01/00	2.5	SFS	SAMPLE	6	1200 - 1800

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/01/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/02/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/02/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/02/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/02/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/03/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/03/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/03/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/03/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/04/00	2.5	SFS	BLANK	0	-
LW	02/04/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/04/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/04/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/04/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/05/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/05/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/05/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/05/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/06/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/06/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/06/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/06/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/07/00	2.5	SFS	BLANK	0	-
LW	02/07/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/07/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/07/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/07/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/08/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/08/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/08/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/08/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/09/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/09/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/09/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/09/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/10/00	2.5	SFS	BLANK	0	-
LW	02/10/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/10/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/10/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/10/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/11/00	2.5	SFS	SAMPLE	6	0000 - 0600

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/11/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/11/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/11/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/12/00	2.5	SFS	BLANK	0	-
LW	02/12/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/12/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/12/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/12/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/13/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/13/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/13/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/13/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/14/00	2.5	SFS	BLANK	0	-
LW	02/14/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/14/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/14/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/14/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/15/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/15/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/15/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/15/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/16/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/16/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/16/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/16/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/17/00	2.5	SFS	BLANK	0	-
LW	02/17/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/17/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/17/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/17/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/18/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/18/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/18/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/18/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/21/00	2.5	SFS	BLANK	0	-
LW	02/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/20/00	2.5	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	03/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/30/00	2.5	SFS	BLANK	0	-
LW	04/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/30/00	2.5	SFS	BLANK	0	-
LW	05/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/29/00	2.5	SFS	BLANK	0	-
LW	06/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/17/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/17/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/17/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/17/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/18/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/18/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/18/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/18/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/19/00	2.5	SFS	BLANK	0	-
LW	07/19/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/19/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/19/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/19/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/20/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/20/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/20/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/20/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/21/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/21/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/21/00	2.5	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/21/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/22/00	2.5	SFS	BLANK	0	-
LW	07/22/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/22/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/22/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/22/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/23/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/23/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/23/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/24/00	2.5	SFS	BLANK	0	-
LW	07/24/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/24/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/24/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/25/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/25/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/25/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/25/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/26/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/26/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/26/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/26/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/27/00	2.5	SFS	BLANK	0	-
LW	07/27/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/27/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/27/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/27/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/28/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/28/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/28/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/28/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/29/00	2.5	SFS	BLANK	0	-
LW	07/29/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/29/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/29/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/29/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/30/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/30/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/30/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/30/00	2.5	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/31/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/31/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/31/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/31/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/01/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/01/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/01/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/01/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/02/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/02/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/02/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/02/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/03/00	2.5	SFS	BLANK	0	-
LW	08/03/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/03/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/03/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/03/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/04/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/04/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/04/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/04/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/05/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/05/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/05/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/05/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/06/00	2.5	SFS	BLANK	0	-
LW	08/06/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/06/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/06/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/06/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/07/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/07/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/00	2.5	SFS	BLANK	0	-
LW	08/08/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/08/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/09/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/09/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/09/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/09/00	2.5	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/10/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/10/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/10/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/10/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/11/00	2.5	SFS	BLANK	0	-
LW	08/11/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/11/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/11/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/11/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/12/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/12/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/12/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/12/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/13/00	2.5	SFS	BLANK	0	-
LW	08/13/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/13/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/13/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/13/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/14/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/14/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/14/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/14/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/15/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/15/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/15/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/15/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/16/00	2.5	SFS	BLANK	0	-
LW	08/16/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/16/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/16/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/16/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/17/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/17/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/17/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/17/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/18/00	2.5	SFS	BLANK	0	-
LW	08/18/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/18/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/18/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/18/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/19/00	2.5	SFS	SAMPLE	6	0000 - 0600

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/19/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/19/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/19/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/20/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/20/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/20/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/20/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/21/00	2.5	SFS	BLANK	0	-
LW	08/21/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/21/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/21/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/21/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/22/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/22/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/22/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/22/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/23/00	2.5	SFS	BLANK	0	-
LW	08/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/23/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/23/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/23/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/24/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/24/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/24/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/24/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/25/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/25/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/25/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/25/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	09/27/00	2.5	SFS	BLANK	0	-
LW	09/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	10/27/00	2.5	SFS	BLANK	0	-
LW	10/27/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	11/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	11/26/00	2.5	SFS	BLANK	0	-
LW	11/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	12/26/00	2.5	SFS	BLANK	0	-
LW	12/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/31/01	2.5	SFS	BLANK	0	-
LW	01/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	02/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	02/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	02/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	02/24/01	2.5	SFS	BLANK	0	-
LW	02/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/14/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/20/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/26/01	2.5	SFS	BLANK	0	-
LW	03/26/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/25/01	2.5	SFS	BLANK	0	-
LW	04/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/25/01	2.5	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	05/31/01	2.5	SFS	BLANK	0	-
LW	05/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/30/01	2.5	SFS	BLANK	0	-
LW	06/30/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	06/30/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	06/30/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	06/30/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/01/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/01/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/01/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/01/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/02/01	2.5	SFS	BLANK	0	-
LW	07/02/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/02/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/02/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/02/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/03/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/03/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/03/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/03/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/04/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/04/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/04/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/04/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/05/01	2.5	SFS	BLANK	0	-
LW	07/05/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/05/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/05/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/05/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/06/01	2.5	SFS	SAMPLE	6	000 - 0600
LW	07/06/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/06/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/06/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/07/01	2.5	SFS	BLANK	0	-
LW	07/07/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/07/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/07/01	2.5	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/07/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/08/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/08/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/08/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/08/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/09/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/09/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/09/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/09/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/10/01	2.5	SFS	BLANK	0	-
LW	07/10/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/10/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/10/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/10/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/11/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/11/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/11/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/11/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/12/01	2.5	SFS	BLANK	0	-
LW	07/12/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/12/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/12/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/12/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/13/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/13/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/13/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/13/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/14/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/14/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/14/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/14/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/15/01	2.5	SFS	BLANK	0	-
LW	07/15/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/15/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/15/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/15/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/16/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/16/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/16/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/16/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/17/01	2.5	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/17/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/17/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/17/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/17/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/18/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/18/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/18/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/18/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/19/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/19/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/19/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/19/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/20/01	2.5	SFS	BLANK	0	-
LW	07/20/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/20/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/20/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/20/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/21/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/21/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/21/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/21/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/22/01	2.5	SFS	BLANK	0	-
LW	07/22/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/22/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/22/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/22/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/23/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/23/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/23/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/23/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/24/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/24/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/24/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/24/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/25/01	2.5	SFS	BLANK	0	-
LW	07/25/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/25/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/25/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/25/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/26/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/26/01	2.5	SFS	SAMPLE	6	0600 - 1200

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/26/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/26/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/27/01	2.5	SFS	BLANK	0	-
LW	07/27/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/27/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/27/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/27/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/28/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/28/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/28/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/28/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/29/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/29/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/29/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/29/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/30/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/30/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/30/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/30/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/31/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/31/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/31/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/31/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/01/01	2.5	SFS	BLANK	0	-
LW	08/01/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/01/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/01/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/01/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/02/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/02/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/02/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/02/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/03/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/03/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/03/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/03/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/04/01	2.5	SFS	BLANK	0	-
LW	08/04/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/04/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/04/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/04/01	2.5	SFS	SAMPLE	6	1800 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/05/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/05/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/05/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/05/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/06/01	2.5	SFS	BLANK	0	-
LW	08/06/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/06/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/06/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/06/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/07/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/07/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/07/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/07/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/08/01	2.5	SFS	BLANK	0	-
LW	08/08/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/08/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/08/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/17/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/25/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/01/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/07/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/13/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/19/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/25/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/31/99	2.5	FRM	BLANK	0	-
LW	03/31/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/06/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/12/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/18/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/24/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	FRM	BLANK	0	-
LW	04/30/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/06/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/12/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/18/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/24/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/30/99	2.5	FRM	BLANK	0	-
LW	05/30/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/05/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/11/99	2.5	FRM	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	06/17/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/23/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/29/99	2.5	FRM	BLANK	0	-
LW	06/29/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/15/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/21/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/27/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/28/99	2.5	FRM	BLANK	0	-
LW	11/02/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/08/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/14/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/20/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/23/99	2.5	FRM	BLANK	0	-
LW	11/26/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/02/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/08/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/14/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/20/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/23/99	2.5	FRM	BLANK	0	-
LW	12/26/99	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/01/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/13/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/19/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/25/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/31/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/02/00	2.5	FRM	BLANK	0	-
LW	02/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/18/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/21/00	2.5	FRM	BLANK	0	-
LW	02/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/01/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/07/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/13/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/19/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/20/00	2.5	FRM	BLANK	0	-
LW	03/25/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/31/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/18/00	2.5	FRM	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	04/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/30/00	2.5	FRM	BLANK	0	-
LW	04/30/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/06/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/12/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/18/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/24/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/30/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/05/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/11/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/17/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/23/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/29/00	2.5	FRM	BLANK	0	-
LW	06/29/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/05/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/11/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/17/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/23/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/29/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/04/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/10/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/16/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/22/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/28/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	09/09/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	09/15/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	09/21/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	09/27/00	2.5	FRM	BLANK	0	-
LW	09/27/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/03/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/09/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/15/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/21/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	10/27/00	2.5	FRM	BLANK	0	-
LW	10/27/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/02/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/08/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/14/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/20/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	11/26/00	2.5	FRM	BLANK	0	-
LW	11/26/00	2.5	FRM	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	12/02/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/08/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/14/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/20/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	12/26/00	2.5	FRM	BLANK	0	-
LW	12/26/00	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	01/31/01	2.5	FRM	BLANK	0	-
LW	01/31/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/06/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/24/01	2.5	FRM	BLANK	0	-
LW	02/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/20/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	03/26/01	2.5	FRM	BLANK	0	-
LW	03/26/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	04/25/01	2.5	FRM	BLANK	0	-
LW	04/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/01/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/07/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/13/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/19/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/25/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	05/31/01	2.5	FRM	BLANK	0	-
LW	05/31/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/06/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	06/30/01	2.5	FRM	BLANK	0	-
LW	06/30/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/06/01	2.5	FRM	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/12/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/18/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/24/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	07/30/01	2.5	FRM	BLANK	0	-
LW	07/30/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	08/05/01	2.5	FRM	SAMPLE	24	0000 - 2400
LW	02/17/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/17/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/17/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/17/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/18/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/18/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/18/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/18/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/19/99	10	SFS	BLANK	0	-
LW	02/19/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/19/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/19/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/19/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/20/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/20/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/20/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/20/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/21/99	10	SFS	BLANK	0	-
LW	02/21/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/21/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/21/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/21/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/22/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/22/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/22/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/22/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/23/99	10	SFS	BLANK	0	-
LW	02/23/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/23/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/23/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/23/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/24/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/24/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/24/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/24/99	10	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/25/99	10	SFS	BLANK	0	-
LW	02/25/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/25/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/25/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/25/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/26/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/26/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/26/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/26/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/27/99	10	SFS	BLANK	0	-
LW	02/27/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/27/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/27/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/27/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/28/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/28/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/28/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/28/99	10	SFS	SAMPLE	6	1800 - 2400
LW	03/01/99	10	SFS	SAMPLE	24	0000 - 2400
LW	03/07/99	10	SFS	SAMPLE	24	0000 - 2400
LW	03/13/99	10	SFS	SAMPLE	24	0000 - 2400
LW	03/19/99	10	SFS	SAMPLE	24	0000 - 2400
LW	03/25/99	10	SFS	SAMPLE	24	0000 - 2400
LW	03/31/99	10	SFS	BLANK	0	-
LW	03/31/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/06/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/12/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/18/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/24/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/30/99	10	SFS	BLANK	0	-
LW	04/30/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/06/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/12/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/18/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/24/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/30/99	10	SFS	BLANK	0	-
LW	05/30/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/05/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/11/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/17/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/23/99	10	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	06/29/99	10	SFS	BLANK	0	-
LW	06/29/99	10	SFS	SAMPLE	24	0000 - 2400
LW	07/05/99	10	SFS	SAMPLE	24	0000 - 2400
LW	07/11/99	10	SFS	SAMPLE	24	0000 - 2400
LW	07/17/99	10	SFS	SAMPLE	24	0000 - 2400
LW	07/23/99	10	SFS	SAMPLE	24	0000 - 2400
LW	07/29/99	10	SFS	BLANK	0	-
LW	07/29/99	10	SFS	SAMPLE	24	0000 - 2400
LW	08/03/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/03/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/03/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/03/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/04/99	10	SFS	BLANK	0	-
LW	08/04/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/04/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/04/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/04/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/05/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/05/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/05/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/05/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/06/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/06/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/06/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/06/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/07/99	10	SFS	BLANK	0	-
LW	08/07/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/07/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/07/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/07/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/08/99	10	SFS	BLANK	0	-
LW	08/08/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/08/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/08/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/08/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/09/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/09/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/09/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/09/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/10/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/10/99	10	SFS	SAMPLE	6	0600 - 1200

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/10/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/10/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/11/99	10	SFS	BLANK	0	-
LW	08/11/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/11/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/11/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/11/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/12/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/12/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/12/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/12/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/13/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/13/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/13/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/13/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/14/99	10	SFS	BLANK	0	-
LW	08/14/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/14/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/14/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/14/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/15/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/15/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/15/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/15/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/16/99	10	SFS	BLANK	0	-
LW	08/16/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/16/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/16/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/16/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/17/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/17/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/17/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/17/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/18/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/18/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/18/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/18/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/19/99	10	SFS	BLANK	0	-
LW	08/19/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/19/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/19/99	10	SFS	SAMPLE	6	1200 - 1800

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/19/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/20/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/20/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/20/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/20/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/21/99	10	SFS	BLANK	0	-
LW	08/21/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/21/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/21/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/21/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/22/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/22/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/22/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/22/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/23/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/23/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/23/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/23/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/24/99	10	SFS	BLANK	0	-
LW	08/24/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/24/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/24/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/24/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/25/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/25/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/25/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/25/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/26/99	10	SFS	BLANK	0	-
LW	08/26/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/26/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/26/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/26/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/27/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/27/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/27/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/27/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/28/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/28/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/28/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/28/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/29/99	10	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/29/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/29/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/29/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/29/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/30/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/30/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/30/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/30/99	10	SFS	SAMPLE	6	1800 - 2400
LW	08/31/99	10	SFS	BLANK	0	-
LW	08/31/99	10	SFS	SAMPLE	6	0000 - 0600
LW	08/31/99	10	SFS	SAMPLE	6	0600 - 1200
LW	08/31/99	10	SFS	SAMPLE	6	1200 - 1800
LW	08/31/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/01/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/01/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/01/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/01/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/02/99	10	SFS	BLANK	0	-
LW	09/02/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/02/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/02/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/02/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/03/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/03/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/03/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/03/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/04/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/04/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/04/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/04/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/05/99	10	SFS	BLANK	0	-
LW	09/05/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/05/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/05/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/05/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/06/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/06/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/06/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/06/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/07/99	10	SFS	BLANK	0	-
LW	09/07/99	10	SFS	SAMPLE	6	0000 - 0600

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	09/07/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/07/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/07/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/08/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/08/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/08/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/08/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/09/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/09/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/09/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/09/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/10/99	10	SFS	BLANK	0	-
LW	09/10/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/10/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/10/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/10/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/11/99	10	SFS	SAMPLE	6	0000 - 0600
LW	09/11/99	10	SFS	SAMPLE	6	0600 - 1200
LW	09/11/99	10	SFS	SAMPLE	6	1200 - 1800
LW	09/11/99	10	SFS	SAMPLE	6	1800 - 2400
LW	09/15/99	10	SFS	SAMPLE	24	0000 - 2400
LW	09/21/99	10	SFS	SAMPLE	24	0000 - 2400
LW	09/27/99	10	SFS	BLANK	0	-
LW	09/27/99	10	SFS	SAMPLE	24	0000 - 2400
LW	10/03/99	10	SFS	SAMPLE	24	0000 - 2400
LW	10/09/99	10	SFS	SAMPLE	24	0000 - 2400
LW	10/15/99	10	SFS	SAMPLE	24	0000 - 2400
LW	10/21/99	10	SFS	SAMPLE	24	0000 - 2400
LW	10/22/99	10	SFS	BLANK	0	-
LW	10/27/99	10	SFS	SAMPLE	24	0000 - 2400
LW	11/02/99	10	SFS	SAMPLE	24	0000 - 2400
LW	11/08/99	10	SFS	SAMPLE	24	0000 - 2400
LW	11/14/99	10	SFS	SAMPLE	24	0000 - 2400
LW	11/20/99	10	SFS	SAMPLE	24	0000 - 2400
LW	11/23/99	10	SFS	BLANK	0	-
LW	11/26/99	10	SFS	SAMPLE	24	0000 - 2400
LW	12/02/99	10	SFS	SAMPLE	24	0000 - 2400
LW	12/08/99	10	SFS	SAMPLE	24	0000 - 2400
LW	12/14/99	10	SFS	SAMPLE	24	0000 - 2400
LW	12/20/99	10	SFS	SAMPLE	24	0000 - 2400
LW	12/23/99	10	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	12/26/99	10	SFS	SAMPLE	24	0000 - 2400
LW	01/01/00	10	SFS	SAMPLE	24	0000 - 2400
LW	01/07/00	10	SFS	SAMPLE	24	0000 - 2400
LW	01/12/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/12/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/12/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/12/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/13/00	10	SFS	BLANK	0	-
LW	01/13/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/13/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/13/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/13/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/14/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/14/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/14/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/14/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/15/00	10	SFS	BLANK	0	-
LW	01/15/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/15/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/15/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/15/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/16/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/16/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/16/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/16/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/17/00	10	SFS	BLANK	0	-
LW	01/17/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/17/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/17/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/17/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/18/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/18/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/18/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/18/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/19/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/19/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/19/00	10	SFS	SAMPLE	12	1200 - 2400
LW	01/19/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/20/00	10	SFS	BLANK	0	-
LW	01/20/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/20/00	10	SFS	SAMPLE	6	0600 - 1200

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	01/20/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/20/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/21/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/21/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/21/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/21/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/22/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/22/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/22/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/22/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/23/00	10	SFS	BLANK	0	-
LW	01/23/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/23/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/23/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/23/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/24/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/24/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/24/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/24/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/25/00	10	SFS	BLANK	0	-
LW	01/25/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/25/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/25/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/25/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/26/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/26/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/26/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/26/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/27/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/27/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/27/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/27/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/28/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/28/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/28/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/28/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/29/00	10	SFS	BLANK	0	-
LW	01/29/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/29/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/29/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/29/00	10	SFS	SAMPLE	6	1800 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	01/30/00	10	SFS	BLANK	0	-
LW	01/30/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/30/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/30/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/30/00	10	SFS	SAMPLE	6	1800 - 2400
LW	01/31/00	10	SFS	SAMPLE	6	0000 - 0600
LW	01/31/00	10	SFS	SAMPLE	6	0600 - 1200
LW	01/31/00	10	SFS	SAMPLE	6	1200 - 1800
LW	01/31/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/01/00	10	SFS	BLANK	0	-
LW	02/01/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/01/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/01/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/01/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/02/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/02/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/02/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/02/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/03/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/03/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/03/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/03/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/04/00	10	SFS	BLANK	0	-
LW	02/04/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/04/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/04/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/04/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/05/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/05/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/05/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/05/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/06/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/06/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/06/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/06/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/07/00	10	SFS	BLANK	0	-
LW	02/07/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/07/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/07/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/07/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/08/00	10	SFS	SAMPLE	6	0000 - 0600

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/08/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/08/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/08/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/09/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/09/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/09/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/09/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/10/00	10	SFS	BLANK	0	-
LW	02/10/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/10/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/10/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/10/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/11/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/11/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/11/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/11/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/12/00	10	SFS	BLANK	0	-
LW	02/12/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/12/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/12/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/12/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/13/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/13/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/13/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/13/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/14/00	10	SFS	BLANK	0	-
LW	02/14/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/14/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/14/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/14/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/15/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/15/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/15/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/15/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/16/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/16/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/16/00	10	SFS	SAMPLE	6	1200 - 1800
LW	02/16/00	10	SFS	SAMPLE	6	1800 - 2400
LW	02/17/00	10	SFS	SAMPLE	6	0000 - 0600
LW	02/17/00	10	SFS	SAMPLE	6	0600 - 1200
LW	02/18/00	10	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	02/21/00	10	SFS	BLANK	0	-
LW	02/24/00	10	SFS	BLANK	0	-
LW	02/24/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/01/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/07/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/13/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/19/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/20/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/25/00	10	SFS	SAMPLE	24	0000 - 2400
LW	03/31/00	10	SFS	SAMPLE	24	0000 - 2400
LW	04/06/00	10	SFS	SAMPLE	24	0000 - 2400
LW	04/12/00	10	SFS	SAMPLE	24	0000 - 2400
LW	04/18/00	10	SFS	SAMPLE	24	0000 - 2400
LW	04/24/00	10	SFS	SAMPLE	24	0000 - 2400
LW	04/30/00	10	SFS	BLANK	0	-
LW	04/30/00	10	SFS	SAMPLE	24	0000 - 2400
LW	05/06/00	10	SFS	SAMPLE	24	0000 - 2400
LW	05/12/00	10	SFS	SAMPLE	24	0000 - 2400
LW	05/18/00	10	SFS	SAMPLE	24	0000 - 2400
LW	05/24/00	10	SFS	SAMPLE	24	0000 - 2400
LW	05/30/00	10	SFS	SAMPLE	24	0000 - 2400
LW	06/05/00	10	SFS	BLANK	0	-
LW	06/11/00	10	SFS	SAMPLE	24	0000 - 2400
LW	06/17/00	10	SFS	SAMPLE	24	0000 - 2400
LW	06/23/00	10	SFS	SAMPLE	24	0000 - 2400
LW	06/29/00	10	SFS	BLANK	0	-
LW	06/29/00	10	SFS	SAMPLE	24	0000 - 2400
LW	07/05/00	10	SFS	SAMPLE	24	0000 - 2400
LW	07/11/00	10	SFS	SAMPLE	24	0000 - 2400
LW	07/17/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/17/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/17/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/17/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/18/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/18/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/18/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/18/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/19/00	10	SFS	SAMPLE	24	0000 - 2400
LW	07/19/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/19/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/19/00	10	SFS	SAMPLE	6	1200 - 1800

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/19/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/20/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/20/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/20/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/20/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/21/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/21/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/21/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/21/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/22/00	10	SFS	BLANK	0	-
LW	07/22/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/22/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/22/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/22/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/23/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/23/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/23/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/23/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/24/00	10	SFS	BLANK	0	-
LW	07/24/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/24/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/24/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/24/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/25/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/25/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/25/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/25/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/26/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/26/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/26/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/26/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/27/00	10	SFS	BLANK	0	-
LW	07/27/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/27/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/27/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/27/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/28/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/28/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/28/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/28/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/29/00	10	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/29/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/29/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/29/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/29/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/30/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/30/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/30/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/30/00	10	SFS	SAMPLE	6	1800 - 2400
LW	07/31/00	10	SFS	SAMPLE	6	0000 - 0600
LW	07/31/00	10	SFS	SAMPLE	6	0600 - 1200
LW	07/31/00	10	SFS	SAMPLE	6	1200 - 1800
LW	07/31/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/01/00	10	SFS	BLANK	0	-
LW	08/01/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/01/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/01/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/01/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/02/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/02/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/02/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/02/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/03/00	10	SFS	BLANK	0	-
LW	08/03/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/03/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/03/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/03/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/04/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/04/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/04/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/04/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/05/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/05/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/05/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/05/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/06/00	10	SFS	BLANK	0	-
LW	08/06/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/06/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/06/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/06/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/07/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/07/00	10	SFS	SAMPLE	6	0600 - 1200

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/07/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/07/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/08/00	10	SFS	BLANK	0	-
LW	08/08/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/08/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/08/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/08/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/09/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/09/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/09/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/09/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/10/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/10/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/10/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/10/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/11/00	10	SFS	BLANK	0	-
LW	08/11/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/11/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/11/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/11/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/12/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/12/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/12/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/12/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/13/00	10	SFS	BLANK	0	-
LW	08/13/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/13/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/13/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/13/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/14/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/14/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/14/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/14/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/15/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/15/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/15/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/15/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/16/00	10	SFS	BLANK	0	-
LW	08/16/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/16/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/16/00	10	SFS	SAMPLE	6	1200 - 1800

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/16/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/17/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/17/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/17/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/17/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/18/00	10	SFS	BLANK	0	-
LW	08/18/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/18/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/18/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/18/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/19/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/19/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/19/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/19/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/20/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/20/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/20/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/20/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/21/00	10	SFS	BLANK	0	-
LW	08/21/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/21/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/21/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/21/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/22/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/22/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/22/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/22/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/23/00	10	SFS	BLANK	0	-
LW	08/23/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/23/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/23/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/23/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/24/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/24/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/24/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/24/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/25/00	10	SFS	SAMPLE	6	0000 - 0600
LW	08/25/00	10	SFS	SAMPLE	6	0600 - 1200
LW	08/25/00	10	SFS	SAMPLE	6	1200 - 1800
LW	08/25/00	10	SFS	SAMPLE	6	1800 - 2400
LW	08/28/00	10	SFS	SAMPLE	24	0000 - 2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	09/09/00	10	SFS	SAMPLE	24	0000 - 2400
LW	09/15/00	10	SFS	SAMPLE	24	0000 - 2400
LW	09/21/00	10	SFS	SAMPLE	24	0000 - 2400
LW	09/27/00	10	SFS	BLANK	0	-
LW	09/27/00	10	SFS	BLANK	0	-
LW	09/27/00	10	SFS	SAMPLE	24	0000 - 2400
LW	10/03/00	10	SFS	SAMPLE	24	0000 - 2400
LW	10/09/00	10	SFS	SAMPLE	24	0000 - 2400
LW	10/15/00	10	SFS	SAMPLE	24	0000 - 2400
LW	10/21/00	10	SFS	SAMPLE	24	0000 - 2400
LW	10/27/00	10	SFS	BLANK	0	-
LW	10/27/00	10	SFS	SAMPLE	24	0000 - 2400
LW	11/02/00	10	SFS	SAMPLE	24	0000 - 2400
LW	11/08/00	10	SFS	SAMPLE	24	0000 - 2400
LW	11/14/00	10	SFS	SAMPLE	24	0000 - 2400
LW	11/20/00	10	SFS	SAMPLE	24	0000 - 2400
LW	11/26/00	10	SFS	BLANK	0	-
LW	11/26/00	10	SFS	SAMPLE	24	0000 - 2400
LW	12/02/00	10	SFS	SAMPLE	24	0000 - 2400
LW	12/08/00	10	SFS	SAMPLE	24	0000 - 2400
LW	12/14/00	10	SFS	SAMPLE	24	0000 - 2400
LW	12/20/00	10	SFS	SAMPLE	24	0000 - 2400
LW	12/26/00	10	SFS	BLANK	0	-
LW	12/26/00	10	SFS	SAMPLE	24	0000 - 2400
LW	01/01/01	10	SFS	SAMPLE	24	0000 - 2400
LW	01/07/01	10	SFS	SAMPLE	24	0000 - 2400
LW	01/13/01	10	SFS	SAMPLE	24	0000 - 2400
LW	01/19/01	10	SFS	SAMPLE	24	0000 - 2400
LW	01/25/01	10	SFS	SAMPLE	24	0000 - 2400
LW	01/31/01	10	SFS	BLANK	0	-
LW	01/31/01	10	SFS	SAMPLE	24	0000 - 2400
LW	02/06/01	10	SFS	SAMPLE	24	0000 - 2400
LW	02/12/01	10	SFS	SAMPLE	24	0000 - 2400
LW	02/18/01	10	SFS	SAMPLE	24	0000 - 2400
LW	02/24/01	10	SFS	BLANK	0	-
LW	02/24/01	10	SFS	SAMPLE	24	0000 - 2400
LW	03/02/01	10	SFS	SAMPLE	24	0000 - 2400
LW	03/08/01	10	SFS	SAMPLE	24	0000 - 2400
LW	03/14/01	10	SFS	SAMPLE	24	0000 - 2400
LW	03/20/01	10	SFS	SAMPLE	24	0000 - 2400
LW	03/26/01	10	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	03/26/01	10	SFS	SAMPLE	24	0000 - 2400
LW	04/01/01	10	SFS	SAMPLE	24	0000 - 2400
LW	04/07/01	10	SFS	SAMPLE	24	0000 - 2400
LW	04/13/01	10	SFS	SAMPLE	24	0000 - 2400
LW	04/19/01	10	SFS	SAMPLE	24	0000 - 2400
LW	04/25/01	10	SFS	BLANK	0	-
LW	04/25/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/01/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/07/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/13/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/19/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/25/01	10	SFS	SAMPLE	24	0000 - 2400
LW	05/31/01	10	SFS	BLANK	0	-
LW	05/31/01	10	SFS	SAMPLE	24	0000 - 2400
LW	06/06/01	10	SFS	SAMPLE	24	0000 - 2400
LW	06/12/01	10	SFS	SAMPLE	24	0000 - 2400
LW	06/18/01	10	SFS	SAMPLE	24	0000 - 2400
LW	06/24/01	10	SFS	SAMPLE	24	0000 - 2400
LW	06/30/01	10	SFS	BLANK	0	-
LW	06/30/01	10	SFS	SAMPLE	6	0000 - 0600
LW	06/30/01	10	SFS	SAMPLE	6	0600 - 1200
LW	06/30/01	10	SFS	SAMPLE	6	1200 - 1800
LW	06/30/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/01/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/01/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/01/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/01/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/02/01	10	SFS	BLANK	0	-
LW	07/02/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/02/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/02/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/02/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/03/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/03/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/03/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/03/01	10	SFS	SAMPLE	24	0000 - 2400
LW	07/04/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/04/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/04/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/04/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/05/01	10	SFS	BLANK	0	-

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/05/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/05/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/05/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/05/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/06/01	10	SFS	SAMPLE	6	000 - 0600
LW	07/06/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/06/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/06/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/07/01	10	SFS	BLANK	0	-
LW	07/07/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/07/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/07/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/07/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/08/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/08/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/08/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/08/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/09/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/09/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/09/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/09/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/10/01	10	SFS	BLANK	0	-
LW	07/10/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/10/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/10/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/10/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/11/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/11/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/11/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/11/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/12/01	10	SFS	BLANK	0	-
LW	07/12/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/12/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/12/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/12/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/13/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/13/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/13/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/13/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/14/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/14/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/14/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/14/01	10	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/15/01	10	SFS	BLANK	0	-
LW	07/15/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/15/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/15/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/15/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/16/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/16/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/16/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/16/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/17/01	10	SFS	BLANK	0	-
LW	07/17/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/17/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/17/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/17/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/18/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/18/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/18/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/18/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/19/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/19/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/19/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/19/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/20/01	10	SFS	BLANK	0	-
LW	07/20/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/20/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/20/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/20/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/21/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/21/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/21/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/21/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/22/01	10	SFS	BLANK	0	-
LW	07/22/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/22/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/22/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/22/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/23/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/23/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/23/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/23/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/24/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/24/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/24/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/24/01	10	SFS	SAMPLE	6	1800 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	07/25/01	10	SFS	BLANK	0	-
LW	07/25/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/25/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/25/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/25/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/26/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/26/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/26/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/26/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/27/01	10	SFS	BLANK	0	-
LW	07/27/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/27/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/27/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/27/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/28/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/28/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/28/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/28/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/29/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/29/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/29/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/29/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/30/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/30/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/30/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/30/01	10	SFS	SAMPLE	6	1800 - 2400
LW	07/31/01	10	SFS	SAMPLE	6	0000 - 0600
LW	07/31/01	10	SFS	SAMPLE	6	0600 - 1200
LW	07/31/01	10	SFS	SAMPLE	6	1200 - 1800
LW	07/31/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/01/01	10	SFS	BLANK	0	-
LW	08/01/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/01/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/01/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/01/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/02/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/02/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/02/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/02/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/03/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/03/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/03/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/03/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/04/01	10	SFS	BLANK	0	-

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	08/04/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/04/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/04/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/04/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/05/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/05/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/05/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/05/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/06/01	10	SFS	BLANK	0	-
LW	08/06/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/06/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/06/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/06/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/07/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/07/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/07/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/07/01	10	SFS	SAMPLE	6	1800 - 2400
LW	08/08/01	10	SFS	BLANK	0	-
LW	08/08/01	10	SFS	SAMPLE	6	0000 - 0600
LW	08/08/01	10	SFS	SAMPLE	6	0600 - 1200
LW	08/08/01	10	SFS	SAMPLE	6	1200 - 1800
LW	08/08/01	10	SFS	SAMPLE	6	1800 - 2400
MO	08/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/23/99	2.5	SFS	BLANK	0	-
MO	08/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/11/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/24/99	2.5	SFS	BLANK	0	-
MO	09/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/03/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/10/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/15/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/22/99	2.5	SFS	BLANK	0	-
MO	10/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/08/99	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
MO	11/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/23/99	2.5	SFS	BLANK	0	-
MO	11/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/14/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/26/99	2.5	SFS	BLANK	0	-
MO	12/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/16/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/29/00	2.5	SFS	BLANK	0	-
MO	01/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/22/00	2.5	SFS	BLANK	0	-
MO	02/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/21/00	2.5	SFS	BLANK	0	-
MO	03/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/31/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/30/00	2.5	SFS	BLANK	0	-
MO	04/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/12/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/18/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/24/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
MO	05/30/00	2.5	SFS	BLANK	0	-
MO	05/30/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/29/00	2.5	SFS	BLANK	0	-
MO	06/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/29/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/01/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/04/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/07/00	2.5	SFS	BLANK	0	-
MO	08/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/10/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/16/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	09/25/00	2.5	SFS	BLANK	0	-
MO	09/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/21/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	10/27/00	2.5	SFS	BLANK	0	-
MO	10/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/14/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	11/26/00	2.5	SFS	BLANK	0	-
MO	11/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/14/00	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
MO	12/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	12/26/00	2.5	SFS	BLANK	0	-
MO	12/26/00	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	01/31/01	2.5	SFS	BLANK	0	-
MO	01/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	02/24/01	2.5	SFS	BLANK	0	-
MO	02/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/14/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/20/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	03/26/01	2.5	SFS	BLANK	0	-
MO	03/26/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	04/25/01	2.5	SFS	BLANK	0	-
MO	04/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	05/31/01	2.5	SFS	BLANK	0	-
MO	05/31/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	06/30/01	2.5	SFS	BLANK	0	-
MO	06/30/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/03/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/09/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/12/01	2.5	SFS	SAMPLE	24	0000 - 2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
MO	07/15/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/18/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/21/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/27/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	07/30/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
MO	08/05/01	2.5	SFS	BLANK	0	-
MO	08/05/01	2.5	SFS	SAMPLE	24	0000 - 2400
AT	8/3/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/6/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/9/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/12/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/15/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/18/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/21/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/24/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/27/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/28/99	2.5	SFS	SAMPLE	24	0000-2400
AT	8/30/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/2/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/5/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/8/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/11/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/21/99	2.5	SFS	SAMPLE	24	0000-2400
AT	9/27/99	2.5	SFS	SAMPLE	24	0000-2400
AT	10/3/99	2.5	SFS	SAMPLE	24	0000-2400
AT	10/9/99	2.5	SFS	SAMPLE	24	0000-2400
AT	10/15/99	2.5	SFS	SAMPLE	24	0000-2400
AT	10/21/99	2.5	SFS	SAMPLE	24	0000-2400
AT	10/27/99	2.5	SFS	SAMPLE	24	0000-2400
AT	11/2/99	2.5	SFS	SAMPLE	24	0000-2400
AT	11/8/99	2.5	SFS	SAMPLE	24	0000-2400
AT	11/14/99	2.5	SFS	SAMPLE	24	0000-2400
AT	11/20/99	2.5	SFS	SAMPLE	24	0000-2400
AT	11/26/99	2.5	SFS	SAMPLE	24	0000-2400
AT	12/2/99	2.5	SFS	SAMPLE	24	0000-2400
AT	12/8/99	2.5	SFS	SAMPLE	24	0000-2400
AT	12/14/99	2.5	SFS	SAMPLE	24	0000-2400
AT	12/20/99	2.5	SFS	SAMPLE	24	0000-2400
AT	12/26/99	2.5	SFS	SAMPLE	24	0000-2400
AT	1/2/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/8/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/14/00	2.5	SFS	SAMPLE	24	0000-2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
AT	1/16/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/19/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/22/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/25/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/28/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/31/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/3/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/6/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/9/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/12/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/15/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/18/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/21/00	2.5	SFS	SAMPLE	24	0000-2400
AT	2/24/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/1/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/7/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/13/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/19/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/25/00	2.5	SFS	SAMPLE	24	0000-2400
AT	3/31/00	2.5	SFS	SAMPLE	24	0000-2400
AT	4/6/00	2.5	SFS	SAMPLE	24	0000-2400
AT	4/12/00	2.5	SFS	SAMPLE	24	0000-2400
AT	4/18/00	2.5	SFS	SAMPLE	24	0000-2400
AT	4/24/00	2.5	SFS	SAMPLE	24	0000-2400
AT	4/30/00	2.5	SFS	SAMPLE	24	0000-2400
AT	5/6/00	2.5	SFS	SAMPLE	24	0000-2400
AT	5/12/00	2.5	SFS	SAMPLE	24	0000-2400
AT	5/18/00	2.5	SFS	SAMPLE	24	0000-2400
AT	5/24/00	2.5	SFS	SAMPLE	24	0000-2400
AT	5/30/00	2.5	SFS	SAMPLE	24	0000-2400
AT	6/5/00	2.5	SFS	SAMPLE	24	0000-2400
AT	6/11/00	2.5	SFS	SAMPLE	24	0000-2400
AT	6/17/00	2.5	SFS	SAMPLE	24	0000-2400
AT	6/23/00	2.5	SFS	SAMPLE	24	0000-2400
AT	6/29/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/5/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/11/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/17/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/20/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/23/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/26/00	2.5	SFS	SAMPLE	24	0000-2400
AT	7/29/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/1/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/4/00	2.5	SFS	SAMPLE	24	0000-2400

MASS ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
AT	8/7/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/10/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/13/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/16/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/19/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/22/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/25/00	2.5	SFS	SAMPLE	24	0000-2400
AT	8/28/00	2.5	SFS	SAMPLE	24	0000-2400
AT	9/3/00	2.5	SFS	SAMPLE	24	0000-2400
AT	9/9/00	2.5	SFS	SAMPLE	24	0000-2400
AT	9/15/00	2.5	SFS	SAMPLE	24	0000-2400
AT	9/21/00	2.5	SFS	SAMPLE	24	0000-2400
AT	9/27/00	2.5	SFS	SAMPLE	24	0000-2400
AT	10/3/00	2.5	SFS	SAMPLE	24	0000-2400
AT	10/9/00	2.5	SFS	SAMPLE	24	0000-2400
AT	10/15/00	2.5	SFS	SAMPLE	24	0000-2400
AT	10/21/00	2.5	SFS	SAMPLE	24	0000-2400
AT	10/27/00	2.5	SFS	SAMPLE	24	0000-2400
AT	11/2/00	2.5	SFS	SAMPLE	24	0000-2400
AT	11/14/00	2.5	SFS	SAMPLE	24	0000-2400
AT	11/20/00	2.5	SFS	SAMPLE	24	0000-2400
AT	11/26/00	2.5	SFS	SAMPLE	24	0000-2400
AT	12/2/00	2.5	SFS	SAMPLE	24	0000-2400
AT	12/8/00	2.5	SFS	SAMPLE	24	0000-2400
AT	12/14/00	2.5	SFS	SAMPLE	24	0000-2400
AT	12/20/00	2.5	SFS	SAMPLE	24	0000-2400
AT	12/26/00	2.5	SFS	SAMPLE	24	0000-2400
AT	1/1/01	2.5	SFS	SAMPLE	24	0000-2400
AT	1/7/01	2.5	SFS	SAMPLE	24	0000-2400
AT	1/13/01	2.5	SFS	SAMPLE	24	0000-2400
AT	1/19/01	2.5	SFS	SAMPLE	24	0000-2400
AT	1/25/01	2.5	SFS	SAMPLE	24	0000-2400
AT	1/31/01	2.5	SFS	SAMPLE	24	0000-2400
AT	2/6/01	2.5	SFS	SAMPLE	24	0000-2400
AT	2/12/01	2.5	SFS	SAMPLE	24	0000-2400
AT	2/18/01	2.5	SFS	SAMPLE	24	0000-2400
AT	2/24/01	2.5	SFS	SAMPLE	24	0000-2400
AT	3/2/01	2.5	SFS	SAMPLE	24	0000-2400
AT	3/8/01	2.5	SFS	SAMPLE	24	0000-2400
AT	3/14/01	2.5	SFS	SAMPLE	24	0000-2400
AT	3/20/01	2.5	SFS	SAMPLE	24	0000-2400
AT	3/26/01	2.5	SFS	SAMPLE	24	0000-2400
AT	4/1/01	2.5	SFS	SAMPLE	24	0000-2400
AT	4/7/01	2.5	SFS	SAMPLE	24	0000-2400

**MASS  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
AT	4/19/01	2.5	SFS	SAMPLE	24	0000-2400
AT	4/25/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/1/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/7/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/13/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/19/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/25/01	2.5	SFS	SAMPLE	24	0000-2400
AT	5/31/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/7/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/10/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/12/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/18/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/24/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/25/01	2.5	SFS	SAMPLE	24	0000-2400
AT	6/30/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/3/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/4/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/6/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/9/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/12/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/15/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/18/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/20/01	2.5	SFS	SAMPLE	24	0000-2400
AT	7/24/01	2.5	SFS	SAMPLE	24	0000-2400

## **Appendix B**

List of Filter-Based Samples That Have Been Chemically Analyzed  
as of September 2002

**CHEMICAL  
SPECIES  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
HB	02/17/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/18/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/21/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/22/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/23/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/24/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/25/99	10	SFS	BLANK	0	-
HB	02/25/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/26/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/27/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/06/99	10	SFS	SAMPLE	24	0000 - 2400
HB	04/30/99	10	SFS	BLANK	0	-
HB	04/30/99	10	SFS	SAMPLE	24	0000 - 2400
HB	05/12/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/05/99	10	SFS	SAMPLE	24	0000 - 2400
HB	06/29/99	10	SFS	BLANK	0	-
HB	06/29/99	10	SFS	SAMPLE	24	0000 - 2400
HB	02/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/18/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/21/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/22/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/23/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/24/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/25/99	2.5	SFS	BLANK	0	-
HB	02/25/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/26/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	04/30/99	2.5	SFS	BLANK	0	-
HB	04/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	05/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	06/29/99	2.5	SFS	BLANK	0	-
HB	06/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/09/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/10/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/17/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/20/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/27/99	2.5	SFS	BLANK	0	-

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/27/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/31/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/02/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	09/08/99	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/24/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/25/00	2.5	SFS	BLANK	0	-
HB	01/25/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/03/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/08/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/10/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	02/11/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	03/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/19/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/27/00	2.5	SFS	BLANK	0	-
HB	07/27/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/28/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/02/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/05/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/06/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/09/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/15/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/17/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/18/00	2.5	SFS	BLANK	0	-
HB	08/20/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/22/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/23/00	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/11/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/12/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/14/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/15/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/16/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/17/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/18/01	2.5	SFS	SAMPLE	24	0000 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	07/19/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/20/01	2.5	SFS	BLANK	0	-
HB	07/20/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/23/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/24/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	07/25/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/01/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/02/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/03/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/06/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	08/08/01	2.5	SFS	BLANK	0	-
HB	08/08/01	2.5	SFS	SAMPLE	24	0000 - 2400
HB	01/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/24/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/03/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/10/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/11/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/12/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	02/12/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	03/07/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	03/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/19/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/27/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	07/27/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/01/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/05/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/06/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	08/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/15/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/17/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	08/17/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/11/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/15/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/16/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/17/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/18/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/19/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/20/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	07/23/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/24/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/25/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/02/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/03/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/06/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
HB	08/08/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/09/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/10/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/12/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/17/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/20/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/31/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	09/02/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	09/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/09/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/10/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/12/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/17/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/20/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/27/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/31/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	09/02/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	09/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/24/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/03/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/10/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/11/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/12/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	03/07/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	03/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/19/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/27/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	07/27/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	07/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/04/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	08/05/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/06/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/15/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/17/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	08/17/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	01/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/11/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/12/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/14/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/15/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/16/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/17/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/18/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/19/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	07/19/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/23/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/24/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	07/25/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/01/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/02/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/03/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/06/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
HB	08/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	08/08/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
HB	08/08/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
HB	02/17/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	02/25/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	04/06/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	04/30/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	04/30/99	2.5	FRM-TEF	BLANK	0	-
HB	05/12/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	06/05/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
HB	06/29/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	02/17/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/17/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/17/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/17/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/18/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/18/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/18/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/18/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/21/99	10	SFS	BLANK	0	-
LW	02/21/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/21/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/21/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/21/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/22/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/22/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/22/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/22/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/23/99	10	SFS	BLANK	0	-
LW	02/23/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/23/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/23/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/23/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/24/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/24/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/24/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/24/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/25/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/25/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/25/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/25/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/26/99	10	SFS	SAMPLE	6	0000 - 0600

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/26/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/26/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/26/99	10	SFS	SAMPLE	6	1800 - 2400
LW	02/27/99	10	SFS	SAMPLE	6	0000 - 0600
LW	02/27/99	10	SFS	SAMPLE	6	0600 - 1200
LW	02/27/99	10	SFS	SAMPLE	6	1200 - 1800
LW	02/27/99	10	SFS	SAMPLE	6	1800 - 2400
LW	04/06/99	10	SFS	SAMPLE	24	0000 - 2400
LW	04/30/99	10	SFS	BLANK	0	-
LW	04/30/99	10	SFS	SAMPLE	24	0000 - 2400
LW	05/12/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/05/99	10	SFS	SAMPLE	24	0000 - 2400
LW	06/29/99	10	SFS	BLANK	0	-
LW	06/29/99	10	SFS	SAMPLE	24	0000 - 2400
LW	02/17/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/17/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/17/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/17/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/18/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/18/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/18/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/18/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/21/99	2.5	SFS	BLANK	0	-
LW	02/21/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/21/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/21/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/21/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/22/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/22/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/22/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/22/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/23/99	2.5	SFS	BLANK	0	-
LW	02/23/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/23/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/23/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/23/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/24/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/24/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/24/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/24/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/25/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/25/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/25/99	2.5	SFS	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/25/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/26/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/26/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/26/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/26/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/27/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/27/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/27/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/27/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	04/06/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	SFS	BLANK	0	-
LW	04/30/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	05/12/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/05/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	06/29/99	2.5	SFS	BLANK	0	-
LW	06/29/99	2.5	SFS	SAMPLE	24	0000 - 2400
LW	08/08/99	2.5	SFS	BLANK	0	-
LW	08/08/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/08/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/08/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/09/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/09/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/09/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/10/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/10/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/10/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/10/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/12/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/12/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/12/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/12/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/17/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/17/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/17/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/17/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/17/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/20/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/20/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/20/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/27/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/27/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/27/99	2.5	SFS	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/27/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/31/99	2.5	SFS	BLANK	0	-
LW	08/31/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/31/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/31/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/31/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/02/99	2.5	SFS	BLANK	0	-
LW	09/02/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/02/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/02/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/02/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	09/08/99	2.5	SFS	SAMPLE	6	0000 - 0600
LW	09/08/99	2.5	SFS	SAMPLE	6	0600 - 1200
LW	09/08/99	2.5	SFS	SAMPLE	6	1200 - 1800
LW	09/08/99	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/22/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/22/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/22/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/22/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/23/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/23/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/23/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/24/00	2.5	SFS	BLANK	0	-
LW	01/24/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/24/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/24/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/24/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/25/00	2.5	SFS	BLANK	0	-
LW	01/25/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	01/25/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	01/25/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	01/25/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/03/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/03/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/03/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/03/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/08/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/08/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/08/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/08/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/09/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/09/00	2.5	SFS	SAMPLE	6	0600 - 1200

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/09/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/09/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/10/00	2.5	SFS	BLANK	0	-
LW	02/10/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/10/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/10/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/10/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	02/11/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	02/11/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	02/11/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	02/11/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	03/07/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	03/13/00	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/19/00	2.5	SFS	BLANK	0	-
LW	07/19/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/19/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/19/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/19/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/20/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/20/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/20/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/20/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/27/00	2.5	SFS	BLANK	0	-
LW	07/27/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/27/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/27/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/27/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/28/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/28/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/28/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/28/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/02/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/02/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/02/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/02/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/05/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/05/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/05/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/05/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/06/00	2.5	SFS	BLANK	0	-
LW	08/06/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/06/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/06/00	2.5	SFS	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/06/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/09/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/09/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/09/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/09/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/13/00	2.5	SFS	BLANK	0	-
LW	08/13/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/13/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/13/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/13/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/15/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/15/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/15/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/15/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/17/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/17/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/17/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/17/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/20/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/20/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/20/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/20/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/22/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/22/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/22/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/22/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/23/00	2.5	SFS	BLANK	0	-
LW	08/23/00	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/23/00	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/23/00	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/23/00	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/07/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	01/13/01	2.5	SFS	SAMPLE	24	0000 - 2400
LW	07/11/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/11/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/11/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/11/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/12/01	2.5	SFS	BLANK	0	-
LW	07/12/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/12/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/12/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/12/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/13/01	2.5	SFS	SAMPLE	6	0000 - 0600

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/13/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/13/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/13/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/14/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/14/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/14/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/14/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/15/01	2.5	SFS	BLANK	0	-
LW	07/15/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/15/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/15/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/15/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/16/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/16/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/16/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/16/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/17/01	2.5	SFS	BLANK	0	-
LW	07/17/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/17/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/17/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/17/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/18/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/18/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/18/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/18/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/19/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/19/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/19/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/19/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/20/01	2.5	SFS	BLANK	0	-
LW	07/20/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/20/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/20/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/20/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/23/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/23/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/23/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/23/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/24/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/24/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/24/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/24/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	07/25/01	2.5	SFS	BLANK	0	-

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/25/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	07/25/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	07/25/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	07/25/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/01/01	2.5	SFS	BLANK	0	-
LW	08/01/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/01/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/01/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/01/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/02/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/02/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/02/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/02/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/03/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/03/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/03/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/03/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/06/01	2.5	SFS	BLANK	0	-
LW	08/06/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/06/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/06/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/06/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/07/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/07/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/07/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/07/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	08/08/01	2.5	SFS	BLANK	0	-
LW	08/08/01	2.5	SFS	SAMPLE	6	0000 - 0600
LW	08/08/01	2.5	SFS	SAMPLE	6	0600 - 1200
LW	08/08/01	2.5	SFS	SAMPLE	6	1200 - 1800
LW	08/08/01	2.5	SFS	SAMPLE	6	1800 - 2400
LW	01/02/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	01/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/24/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	01/24/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/24/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/24/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/24/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/03/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	02/03/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/03/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/03/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/03/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/10/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/10/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/10/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/10/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/11/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	02/11/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/11/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/11/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/11/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/12/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/12/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/12/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/12/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	03/07/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	03/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	07/19/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/19/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/19/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/19/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/19/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/28/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/02/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/05/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/05/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/05/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/05/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/06/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/06/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/06/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/06/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/06/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/09/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/13/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/13/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/15/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/15/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/15/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/15/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/17/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/17/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/17/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/17/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/20/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/22/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/23/00	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/23/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/25/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/28/00	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	01/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	07/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/11/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/11/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/11/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/11/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/12/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/12/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/13/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/14/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/15/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/15/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/15/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/15/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/15/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/16/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/16/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/16/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/16/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/17/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/17/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/17/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/17/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/17/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/18/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/18/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/18/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/18/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/19/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/19/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/19/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/19/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/19/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/23/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/23/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/23/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/23/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/24/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/24/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/24/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/24/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/25/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	07/25/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/25/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/25/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/25/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/01/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/01/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/02/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/02/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/02/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/02/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/03/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/03/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/03/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/03/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/06/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/06/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/06/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/06/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/06/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/07/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/01	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/08/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/08/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/01	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/09/99	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	08/09/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/09/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/09/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/10/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/10/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/10/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/10/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/12/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/12/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/12/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/12/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/17/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/17/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/17/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/17/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/20/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/20/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/20/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/20/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/27/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/31/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/31/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/31/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/31/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/31/99	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	09/02/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	09/02/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	09/02/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	09/02/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	09/02/99	TSP	SGS - HNO <sub>3</sub>	BLANK	0	-
LW	09/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	09/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	09/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	09/08/99	TSP	SGS - HNO <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/99	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/09/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/09/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/09/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/10/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/10/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/10/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/10/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/12/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/12/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/12/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/12/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/17/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/17/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/17/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/17/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/20/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/20/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/20/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/20/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/27/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/27/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/27/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/27/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/31/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/31/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/31/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/31/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/31/99	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	09/02/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	09/02/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	09/02/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	09/02/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	09/02/99	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	09/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	09/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	09/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	09/08/99	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	01/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/24/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	01/24/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/24/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/24/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/24/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/03/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	02/03/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/03/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/03/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/03/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/10/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/10/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/10/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/10/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/11/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	02/11/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/11/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/11/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/11/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	02/12/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	02/12/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	02/12/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	02/12/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	03/07/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	03/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	07/19/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/19/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/19/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/19/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/19/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/28/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/02/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/05/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/05/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/05/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/05/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/06/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/06/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/06/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/06/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/09/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/13/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/15/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/15/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/15/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/15/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/15/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/17/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/17/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/17/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/17/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/20/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/22/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/23/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/23/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/25/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/28/00	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	01/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	01/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	24	0000 - 2400
LW	07/11/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/11/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/11/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/11/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/12/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/12/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/12/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/12/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/12/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/13/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/14/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/14/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/14/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/14/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/15/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/15/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/15/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	07/15/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/15/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/16/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/16/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/16/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/16/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/17/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/17/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/17/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/17/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/17/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/18/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/18/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/18/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/18/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/19/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/19/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/19/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/19/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/22/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/23/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/23/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/23/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/23/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/24/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/24/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/24/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/24/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	07/25/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	07/25/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	07/25/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	07/25/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	07/25/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/01/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/01/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200

CHEMICAL SPECIES ANALYSES						
SITE	DATE	SIZE	SAMPLER	TYPE	RUN TIME	PERIOD
LW	08/01/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/01/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/02/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/02/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/02/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/02/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/03/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/03/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/03/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/03/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/06/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/06/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/06/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/06/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/06/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/07/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/08/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/08/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0000 - 0600
LW	08/08/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	0600 - 1200
LW	08/08/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1200 - 1800
LW	08/08/01	2.5	SGS - NH <sub>3</sub>	SAMPLE	6	1800 - 2400
LW	08/06/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/13/00	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	08/01/01	2.5	SGS - NH <sub>3</sub>	BLANK	0	-
LW	02/17/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	02/25/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	04/06/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	FRM-TEF	BLANK	0	-
LW	05/12/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	06/05/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	06/29/99	2.5	FRM-TEF	SAMPLE	24	0000 - 2400
LW	02/17/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400
LW	02/25/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400

**CHEMICAL  
SPECIES  
ANALYSES**

<b>SITE</b>	<b>DATE</b>	<b>SIZE</b>	<b>SAMPLER</b>	<b>TYPE</b>	<b>RUN TIME</b>	<b>PERIOD</b>
LW	04/06/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400
LW	04/30/99	2.5	FRM-QRTZ	BLANK	0	-
LW	05/12/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400
LW	06/05/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400
LW	06/29/99	2.5	FRM-QRTZ	SAMPLE	24	0000 - 2400